

TO:

DOCKET No. \_\_\_\_\_

STATE CORPORATION COMMISSION  
CONSERVATION DIVISION - UIC SECTION  
200 COLORADO DERBY BUILDING  
WICHITA, KANSAS 67202

SE Sec. 24, T 20 S, R 6 (W)E1805 feet from W section line

MECHANICAL INTEGRITY CASING TEST  
(Class II UIC Wells)

1980 feet from W section line175' S. C NW SEDISPOSAL ☒ ENHANCED RECOVERY ☐Lease description: SE 1/4Operator License # 6522Lease Name: Rockville Partners, Well # 1 SW

Operator:

County RiceMcLack #2

Name &amp;

Address

Kansas Horizon Oil Inc  
Route 1  
Winifred, Kansas 67491

Contact Person

(b) (6), (b) (7)(C)

Phone

(b) (6), (b) (7)(C)

Max. Auth. Injection Press. 0 psi; Max. Inj. Rate 5,000 bbl/d; Type Completion Packerless

CONDUCTOR

SURFACE

INTERMED.

PRODUCTION

LINER

TUBING

Size

8 3/45 1/23 1/2

Set at

25037683710

Cement Top

0710

Bottom

2503768

TEST 1

WELL CONDITION

MIT TEST PRESSURES

date 6-8-84

Before

After

Start

10 min.20 min.30 min.

Pressure of

shut in

shut in

Tubing/Casing

00180180180180

T/C Annulus

C/SP Annulus

000000

Results:

Fluid Loss 0 gal/bbls per 30 minutesSatisfactory ☒

Reason:

ID-4034 API #15-159-21824

Not satisfactory

5 bbl oil and Treated Water

Marginal

(b) (6), (b) (7)(C)

Oper. sign off

KCC/KDHE sign off

(b) (6), (b) (7)(C)

TEST 2

WELL CONDITION

MIT TEST PRESSURES

date

Before

After

Start

min.

min.

min.

Pressure of

shut in

shut in

Tubing/Casing

T/C Annulus

C/SP Annulus

Results:

Fluid Loss \_\_\_\_\_ gal/bbls per \_\_\_\_\_ minutes

Satisfactory

Reason:

Not satisfactory

Marginal

Oper. sign off

KCC/KDHE sign off

RECEIVED  
STATE CORPORATION COMMISSION

Form U-7

JUL 27 1984

CONSERVATION DIVISION

Wichita, Kansas

Docket No. \_\_\_\_\_

1. To: STATE CORPORATION COMMISSION  
CONSERVATION DIVISION - UIC SECTION  
2. 200 COLORADO DERBY BUILDING  
3. WICHITA, KANSAS 67202

SE/4, Sec. 24, T 20 S, R 6 W/X  
1830 FSL  
810 feet from N/S section line  
-660' 1980' FEL  
Feet from W/E section line

4. APPLICATION FOR INJECTION WELL

5. DISPOSAL ☒ ENHANCED RECOVERY ☐

Lease description: W/2 SE/4 Sec. 24-20S-6W

6. DATE June 15, 1984

Lease Name Matlock Well # 2

7. Operator License # 6522

Field Name Welch- Bornholdt

8. Operator: Kansas Horizon Oil, Inc.  
Name & Route #1

County Rice

9. Address Windom, KS 67491

Deepest usable water:  
Formation Blue Shale Sand

10. Contact Person Name (b) (6), (b) (7)(C)

Depth 93 feet to formation bottom

Phone (b) (6), (b) (7)(C)

200 mhc

11. Old Well Being Converted ☐ Newly Drilled Well ☒ Well to be drilled ☐

12. Surface elev. 1525 feet, Well Total Depth 4033 feet, Plug back depth 4033 feet  
13. Datum of top of injection formation -2193 feet (reference mean sea level)

## INJECTION FORMATION DESCRIPTION

14. name top/bottom perf/open hole depth 4034 called 9-8-84 RCH  
Arbuckle 3718 / ? open hole at 3768 to 4033 feet  
15. / at to feet

## LIST OF WELLS SUPPLYING SALT WATER (use extra sheet if needed)

LEASE OPERATOR	LEASE NAME	LEASE DESCRIPTION	WELL ID# & Spot location
16. 1. Kansas Horizon Oil	J. Albert	W/4 of W/2 18-20-5, McPherson Co.	#1 400' WC NW SW
17. 2. Kansas Horizon Oil	J. Albert	W/4 of W/2 18-20-5 McPherson Co.	#2 SW NW NW
18. 3. Kansas Horizon Oil	J. Albert	W/4 of W/2 18-20-5 McPherson Co.	#3 S Line NW NW
19. 4. Kansas Horizon Oil	Mary Ellen	E 3/4 of NW/4 18-20-5 McPherson Co.	#1 SE SW NW
20. 5. Kansas Horizon Oil	Thurman	S/2 SE/4 24-20-6 Rice County	#1 CEL SE SE
21. 6. Kansas Horizon Oil	Matlock North	E/2 NE/4 24-20-6 Rice Co.	#1 CE/2 E/2 NE
22. 7. Kansas Horizon Oil	Wright	E/2 SE/4 13-20-6 Rice County	#1 NW SE SE
23. 8.			

PRODUCING  
FORMATIONTOTAL DISSOLVED  
SOLIDS

	STRATA DEPTH	
24. 1. Mississippi	3295' to 3310' feet	131,057 mg/1
25. 2.	to feet	mg/1
26. 3.	to feet	mg/1
27. 4.	to feet	mg/1
28. 5.	to feet	mg/1
29. 6.	to feet	mg/1
30. 7.	to feet	mg/1
31. 8.	to feet	mg/1
32. Liquid Injection Rate: Max 6000 bbl/day, Min -0- bbl/day		
33. or Gas Injection Rate: Max scf/day, Min scf/day, Type of gas		

34. Injection Pressure: Min -0- psig, Max -0- psig

35. LITHOLOGY from Injection Zone up to deepest Usable Water:

See driller's log

36. Estimated Maximum safe injection pressure 180# psig.

RECEIVED  
STATE CORPORATION COMMISSION

JUL 27 1984

CONSERVATION DIVISION  
Wichita, Kansas

Name and Addresses of those receiving copies of this application and attachments:

OFFSET OPERATOR'S, AND LANDOWNER,  
NAME

MAILING ADDRESS

See attached letter with certificate of service

A notice of this application was placed in the following general circulation newspaper of the area of the lease.

Paper Name Lyons Daily News

Date of issue May 12, 1984

Address Lyons, Kansas 67554

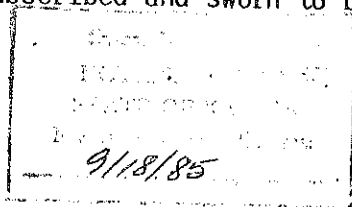
Page of notice \_\_\_\_\_

I hereby certify that the statements herein are true and correct to the best of my knowledge and belief:

(b) (6), (b) (7)(C)

Applicant or duly Authorized Agent

Subscribed and sworn to before me this 20th day of June 19 84.



(b) (6), (b) (7)(C)

Notary Public

My Commission Expires \_\_\_\_\_

#### INSTRUCTIONS

1. Attach plat map showing subject well, and all known oil and gas wells, including abandoned, being drilled, and dry holes, within 1/2 mile. Give names of operator, landowner, and all leases and wells to be connected to the system. Show well numbers and elevations of producing formation tops.
2. Attach Drillers Log (Form ACO-1).
3. Fill in schematic drawing of subsurface facilities including: Size, setting depth, amount of cement used, measured or calculated tops of cement of surface, intermediate (if any) and production casing; size and setting depth of tubing; type and setting depth of packer; geological zone of injection showing top and bottom of injection interval.
4. The original and 2 copies of application and attachments shall be mailed to the State Corporation Commission.
5. Deliver or mail 1 copy of application to landowner on whose land injection well is located and to each operator of the producing leasehold or mineral rights owner within 1/2 mile of the well.
6. Approval of this application, if granted, is valid only as long as there is no substantial change in the operation set forth in the application. A substantial operation change requires the approval of a new application.

JUL 27 1984

## WELL COMPLETION:

TYPE: Tubing &amp; packer / /; Packerless (tubing) / /; Tubingless / /

CASING OR TUBING	CONDUCTOR	SURFACE	INTERMEDIATE	PRODUCTION	TUBING
SIZE		8 5/8"		5 1/2"	3 1/2"
SETTING DEPTH		258'		3768'	<del>3681'</del>
CEMENT SACKS		200 sks		475-6% gel 200-2% gel	3702
CEMENT: TOPS BOTTOMS		surface to 258'		710' to 1520' 2820' to 3710' 3768	

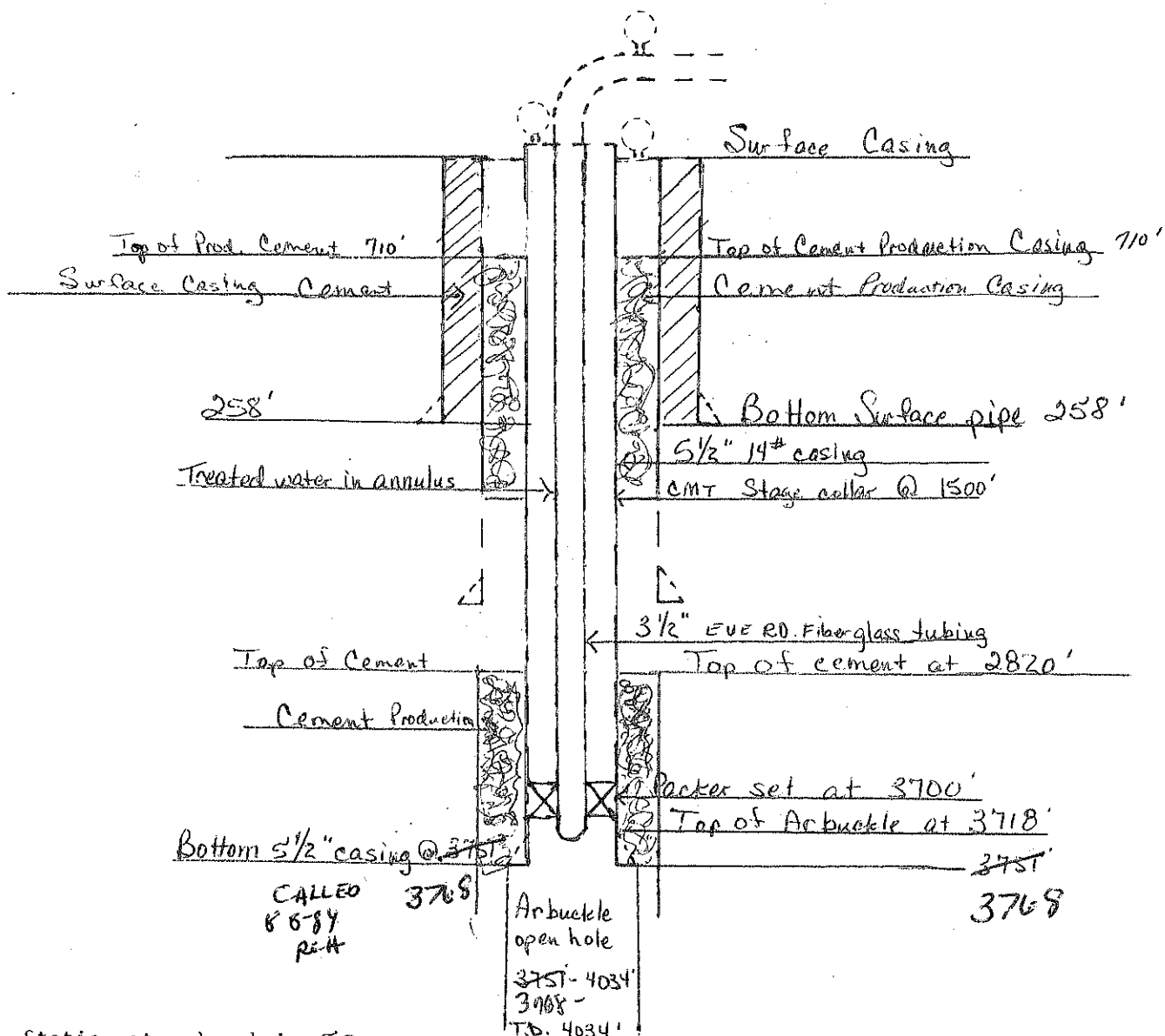
called  
8-8-84  
R.H.

TUBING TYPE &amp; GRADE: 3 1/2" 8rd star fiberglass 1600 PSI

CORROSION INHIBITION FLUID IN ANNULUS: 2% corrossion inhibited water

PACKER TYPE &amp; DEPTH: OTIS Perm Treive - 5 1/2" packer set at 3700'

LIST LOGS ENCLOSED: Sonic Cement Bond Log



(To sketch installation, darken appropriate lines, indicate cement, and show depths.)

NOTE: Page 4 must be completed on all applications.

County of Rice ]  
State of Kansas, ] ss.

## Proof Of Publication

(b) (6), (b) (7)(C), being duly sworn, says on his oath that he is publisher of

### THE LYONS DAILY NEWS

a daily newspaper printed and published in the City of Lyons, Rice County, Kansas, of general paid circulation on a daily basis in Rice County, Kansas, and not a trade, religious or fraternal publication, which newspaper has been entered as second-class mail matter in the United States post office, Lyons, Kansas, and which newspaper has been continuously and uninterruptedly published for more than fifty weeks a year and has been so published for more than five years prior to the first publication of the notice herein-after mentioned, and that the notice, of which a true copy

is hereto attached, was published in ~~three~~ <sup>one</sup> consecutive ..  
Saturday ..... issues of said newspaper, the first  
publication being in the issue of .. May 12 .....

19. 84, and the last publication being in the issue of ..  
.. May 12, . 1984 .....

(b) (6), (b) (7)(C)

PUBLISHER

Subscribed and sworn to before me this ..... 14 .....

day of .. May .. 1984 .....

(b) (6), (b) (7)(C)

~~Probate Judge~~ Notary Public

My commission expires: . February .... 7 ..... 19. 84 ..

RECEIVED  
STATE CORPORATION COMMISSION



(b) (6), (b) (7)(C)

JUL 27 1984

CONSERVATION DIVISION  
Wichita, Kansas

(Published in The Lyons Daily News May 12, 1984.)

#### NOTICE

Notice is hereby given that Kansas Horizon Oil, Inc. has made application with the Kansas Corporation Commission for a salt water disposal well to be located in Section 24, Township 20, Range 6, 660' FVL, 1830 FSL, Rice County, Kansas.



**HORIZON OIL INC.**

ROUTE # 1

316-489-6458

WINDOM, KANSAS 67491

July 25, 1984

RE: Notice of Application for Salt Water Disposal

Dear Operator:

Enclosed is a copy of the Application for a Salt Water Disposal with map attached as filed by Kansas Horizon Oil, Inc.. The proposed disposal well is located in the center of the Northwest Quarter of the Southeast Quarter, Section 24, Township 20S, Range 6 W, Rice County, Kansas.

This notice is made pursuant to the Kansas Corporation Commission's general rules and regulations 82-3-401.

Very truly yours,

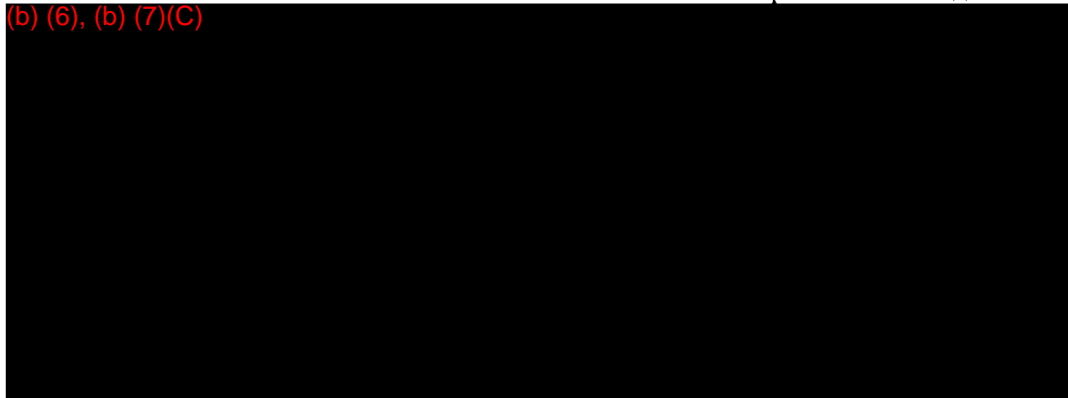
(b) (6), (b) (7)(C)

Treasurer

#### CERTIFICATE OF MAILING

The under signed hereby certifies that she mailed a true copy of the foregoing letter, Application for a Salt Water Disposal Well with map attached to:

(b) (6), (b) (7)(C)



By depositing said copy in the United States Mail, postage pre-paid at Windom, Kansas and the 26th day of July, 1984.

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

RECEIVED  
STATE CORPORATION COMMISSION

JUL 27 1984

CONSERVATION DIVISION  
Wichita, Kansas



**HORIZON OIL INC.**

ROUTE # 1 316-489-6458 WINDOM, KANSAS 67491

July 15, 1984

State Corporation Commission  
Conservation Division  
200 Colorado Derby Bldg.  
Wichita, KS 67202

RE: Salt Water Disposal Application

Please find enclosed the application for a Salt Water Disposal Well.  
The application is verified and filed in triplicate herein. A log of the  
well has been furnished and enclosed. If there are any questions regarding  
this application please feel free to call.

Very truly yours,

(b) (6), (b) (7)(C)

Treasurer

RECEIVED  
STATE CORPORATION COMMISSION

JUL 27 1984

CONSERVATION DIVISION  
Wichita, Kansas



TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

Compt. \_\_\_\_\_

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

F Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

C Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238. No Log

LICENSE # 6522 EXPIRATION DATE \_\_\_\_\_

OPERATOR Kansas Horizon Oil, Inc. API NO. 15-159-21,824

ADDRESS Route #1 COUNTY Rice

Windom, KS 67491 FIELD Welch- Bornholdt

\*\* CONTACT PERSON (b) (6), (b) (7)(C) PROD. FORMATION \_\_\_\_\_

PHONE (b) (6), (b) (7)(C)

PURCHASER LEASE Matlock

ADDRESS WELL NO. 2

WELL LOCATION \_\_\_\_\_

DRILLING Big Kat, Inc. 810 Ft. from North Line of SE,

CONTRACTOR 660 Ft. from West Line of (b) (6), (b) (7)(C)

ADDRESS P. O. Box 18154 the SE (Qtr.) SEC 24 TWP 20 S RGE 6 (W).

Wichita, KS 67218

PLUGGING WELL PLAT (Office

CONTRACTOR Use Only)

ADDRESS KCC \_\_\_\_\_

TOTAL DEPTH 4033 PBD \_\_\_\_\_

SPUD DATE 5-15-84 DATE COMPLETED \_\_\_\_\_

ELEV: GR 1521' DF 1524' KB 1526

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING

USED TO DISPOSE OF WATER FROM THIS LEASE

Amount of surface pipe set and cemented 253 DV Tool Used? Yes

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, Dry, Disposal,

Injection, Temporarily Abandoned, OWWO. Other \_\_\_\_\_

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

(b) (6), (b) (7)(C), being of lawful age, hereby certifies that:

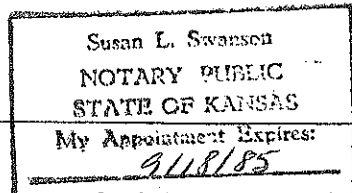
I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

(b) (6), (b) (7)(C)

(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 15<sup>th</sup> day of June, 1984.

MY COMMISSION EXPIRES:



(b) (6), (b) (7)(C)  
(NOTARY PUBLIC)

\*\* The person who can be reached by phone regarding any questions concerning this information.

RECEIVED  
STATE CORPORATION COMMISSION

JUL 27 1984

CONSERVATION DIVISION  
Wichita, Kansas



Kansas Horizon Oil, Inc.  
Matlock #2  
190' N, C-S/2-NW-SE  
Section 24-20S-6W  
Rice County, Kansas

5 1/2" PRODUCTION CASING RUN

CONTRACTOR: Big Kat Drilling, Rig #1  
COMMENCED: 5-15-84  
COMPLETED: 5-23-84  
ELEVATIONS: 1526' K.B., 1524' D.F., 1521' G.L.  
CASING PROGRAM: Surface: 8 5/8 @258' with 225 sacks  
Production: 5 1/2 @ with sacks  
MEASUREMENTS: All depths measured from the Kelley Bushing.  
DRILLING TIME: One (1) foot drilling time recorded from surface to the R.T.D.  
SAMPLES: Samples examined from 2600' to the R.T.D.  
ELECTRIC LOG: None  
FORMATION TESTING: None

<u>FORMATION</u>	<u>SAMPLE DEPTH</u>	<u>SUB-SEA DATUM</u>
Brown Lime	2679	-1153
Lansing-Kansas City	2707	-1181
Mississippian	3263	-1737
Mississippian Lime	3345	-1819
Kinderhook Shale	3364	-1838
Viola	3592	-2066
Simpson	3642	-2116
Arbuckle	3718	-2192
Rotary Total Depth	4033	-2507

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

LANSING KANSAS CITY

2810-2860 Limestone, buff to cream, fine crystalline, oolitic and oocastic with very good oocastic porosity. No shows of oil.

3000-3008 Limestone, white, cream, and tan, fine crystalline, chalky with trace of oolitic oocastic porosity. No shows.

MISSISSIPPIAN

3263-3280 Chert, white, tan and gray, weathered, fractured, tripolitic and part with trace of pinpoint porosity. Good odor and gassy show of free oil.

3280-3295 Chert, as above, with increase in yellow shale.

RECEIVED  
STATE CORPORATION COMMISSION

JUL 27 1984

CONSERVATION DIVISION  
Wichita, Kansas

Kansas Horizon Oil, Inc.  
Matlock #2  
190'N, C-S/2-NW-Se  
Section 24-20S-6W  
Rice County, Kansas  
Page 2

3295-3310

Chert, white, fractured, slight dolomitic.  
Good shows of free oil and odor.

3310-3325

Chert, as above, less shows of oil and  
odor.

VIOLA

3592-3641

Mostly white, chalky, dolomitic. Lime-  
stone with miner shale. No shows.

SIMPSON

3642-3717

This series was primarily alternate,  
clean, tight, fine grained, sandstone  
and vari-colored shales. Traces of  
dead oil. No odor.

ARBUCKLE

3718-3745

Dolomitic, white to cream, fine to course  
crystalline with fair to good inter-  
crystalline porosity. No shows.

ROTARY TOTAL DEPTH: 4033 (-2507)

RECOMMENDATIONS: This well was drilled primarily for salt water disposal purposes.  
At some point in time it is recommended that the Mississippian "chat" be opened,  
where as I feel commercial possibilities do exist.

Respectfully submitted,

(b) (6), (b) (7)(C)

Geologist

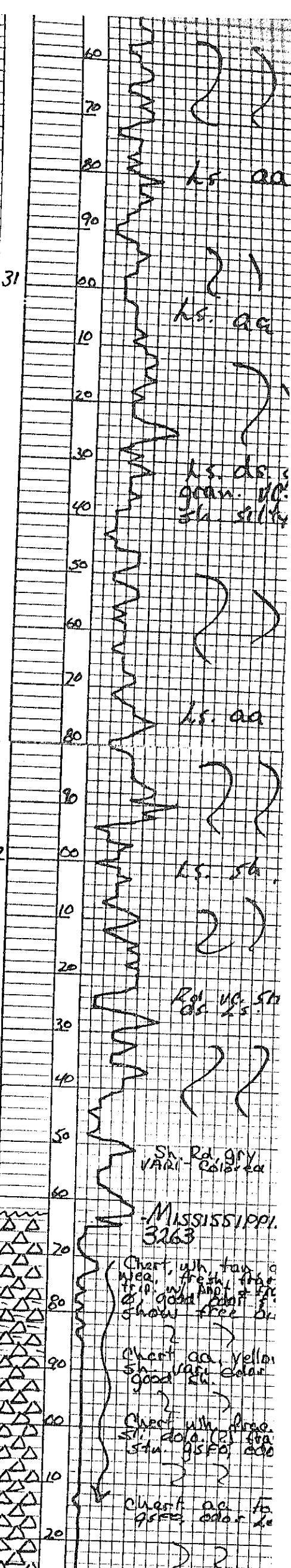
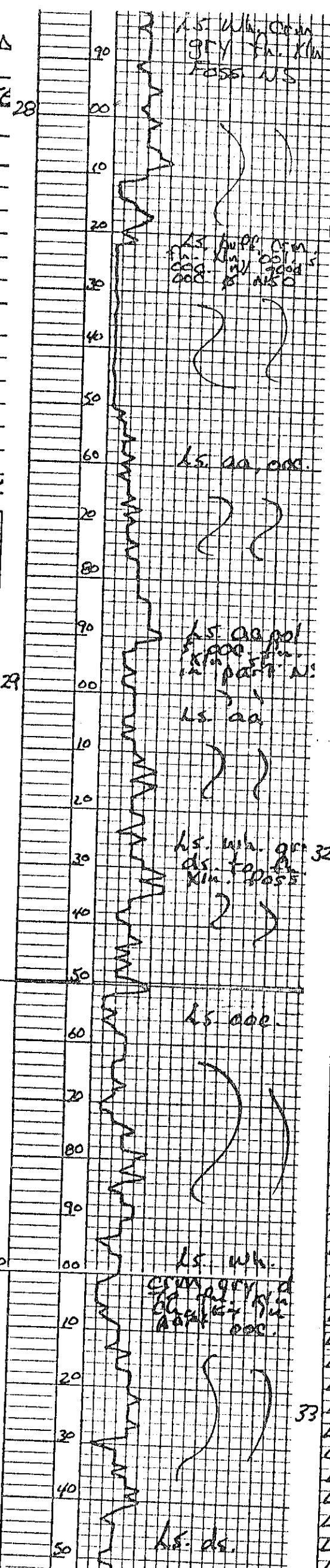
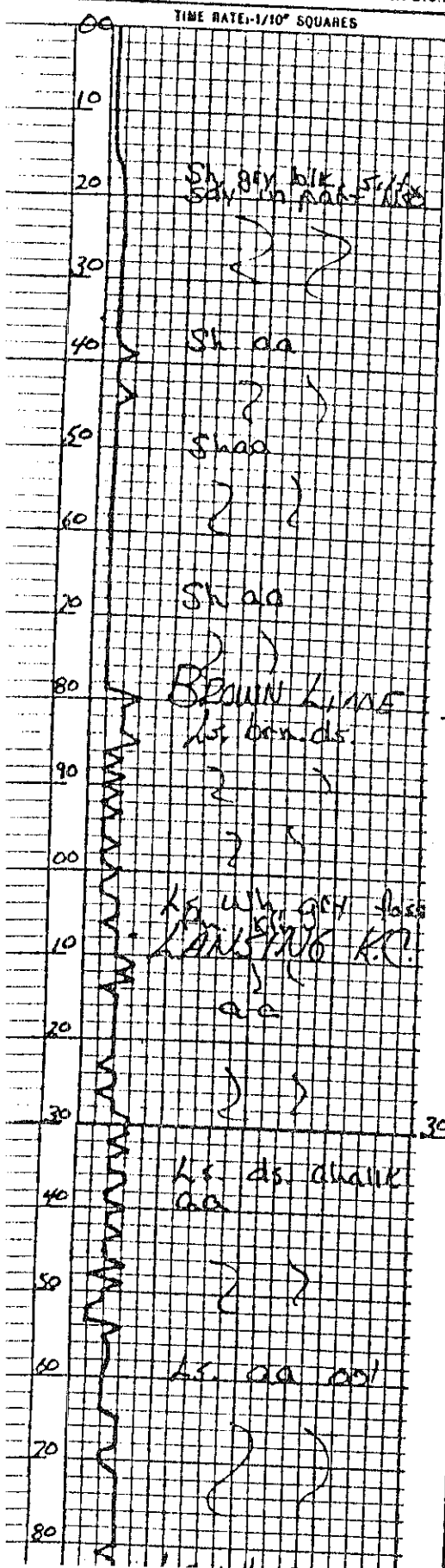
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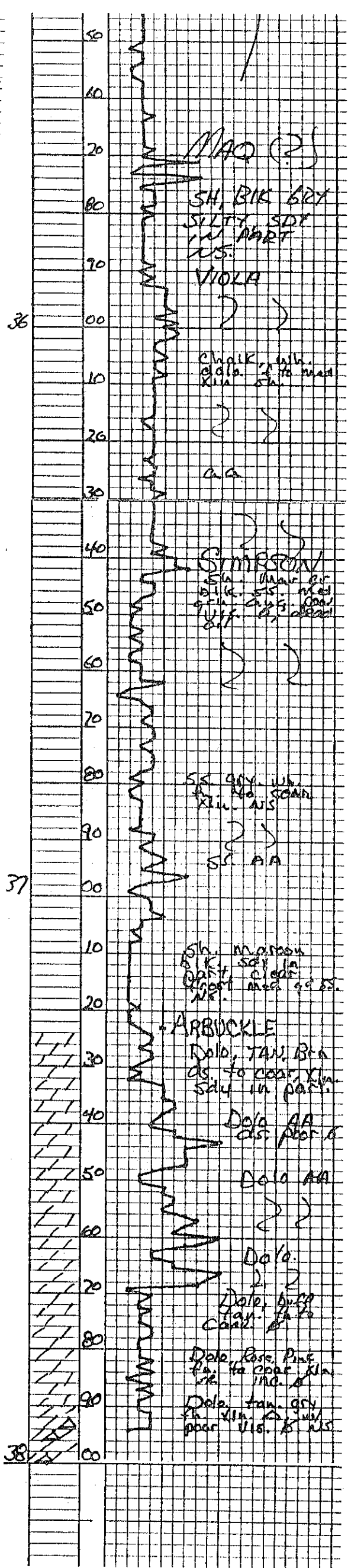
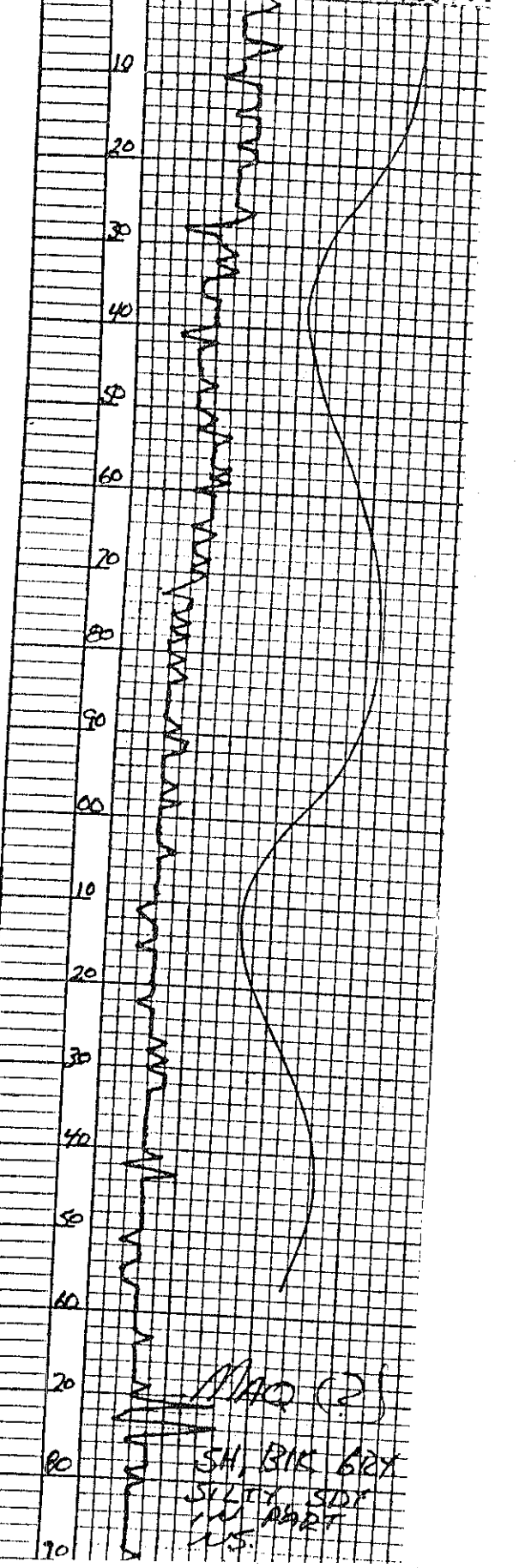
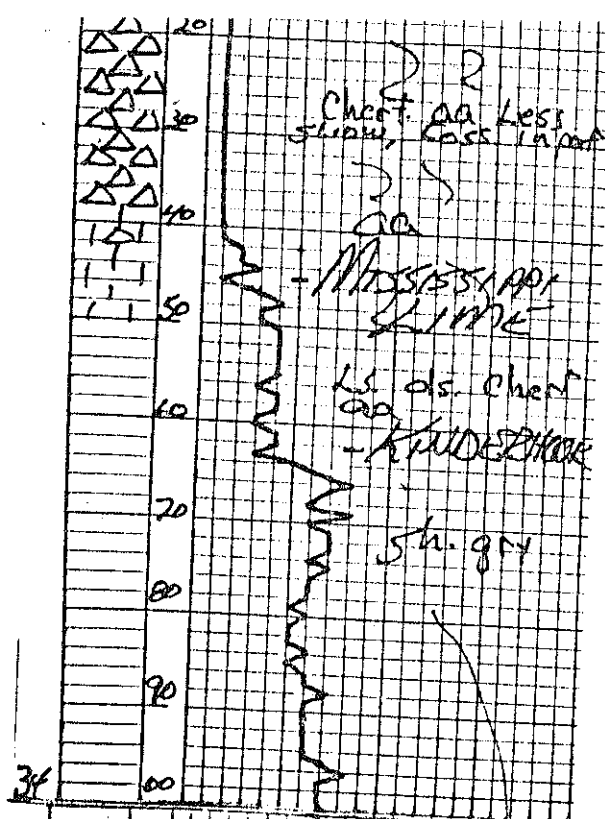
JUL 27 1984

CONSERVATION DIVISION  
Wichita, Kansas

CASING RECORD	
25/8 @ 250 W/	225 SXS
2 @	W/ SXS
SHOT	QUARTS
	BETWEEN

TIME RATE: 1/10" SQUARES





# FIELD LOG

Inc.

## Tonic Cement Bond Log

COMPANY KANSAS HORIZON OIL CO.

WELL ROCKVILLE PARTNERS (SWDS)

FIELD \_\_\_\_\_

COUNTY RICE STATE KS

Location \_\_\_\_\_ Other Services: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Permanent Datum: \_\_\_\_\_ Elev. \_\_\_\_\_ Elev. K.B. \_\_\_\_\_

Log Measured From KB FIVE Ft. Above Perm. Datum D.F. \_\_\_\_\_

Drilling Measured From \_\_\_\_\_ G.L. \_\_\_\_\_

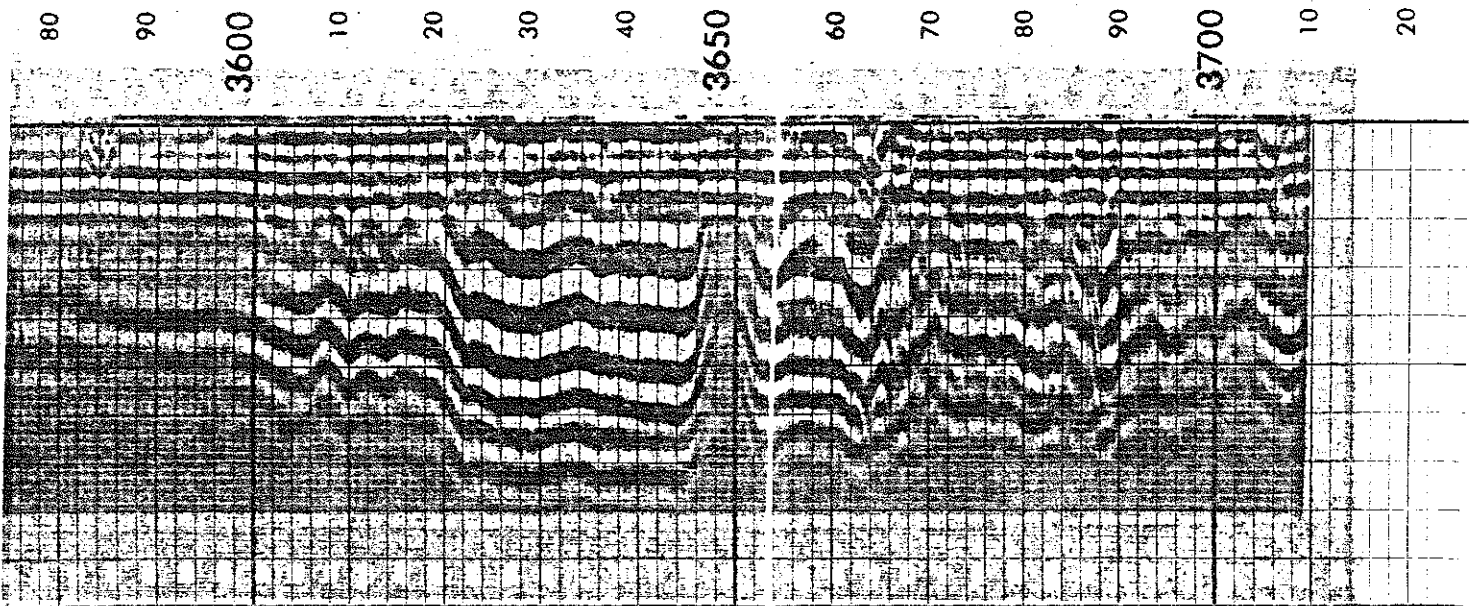
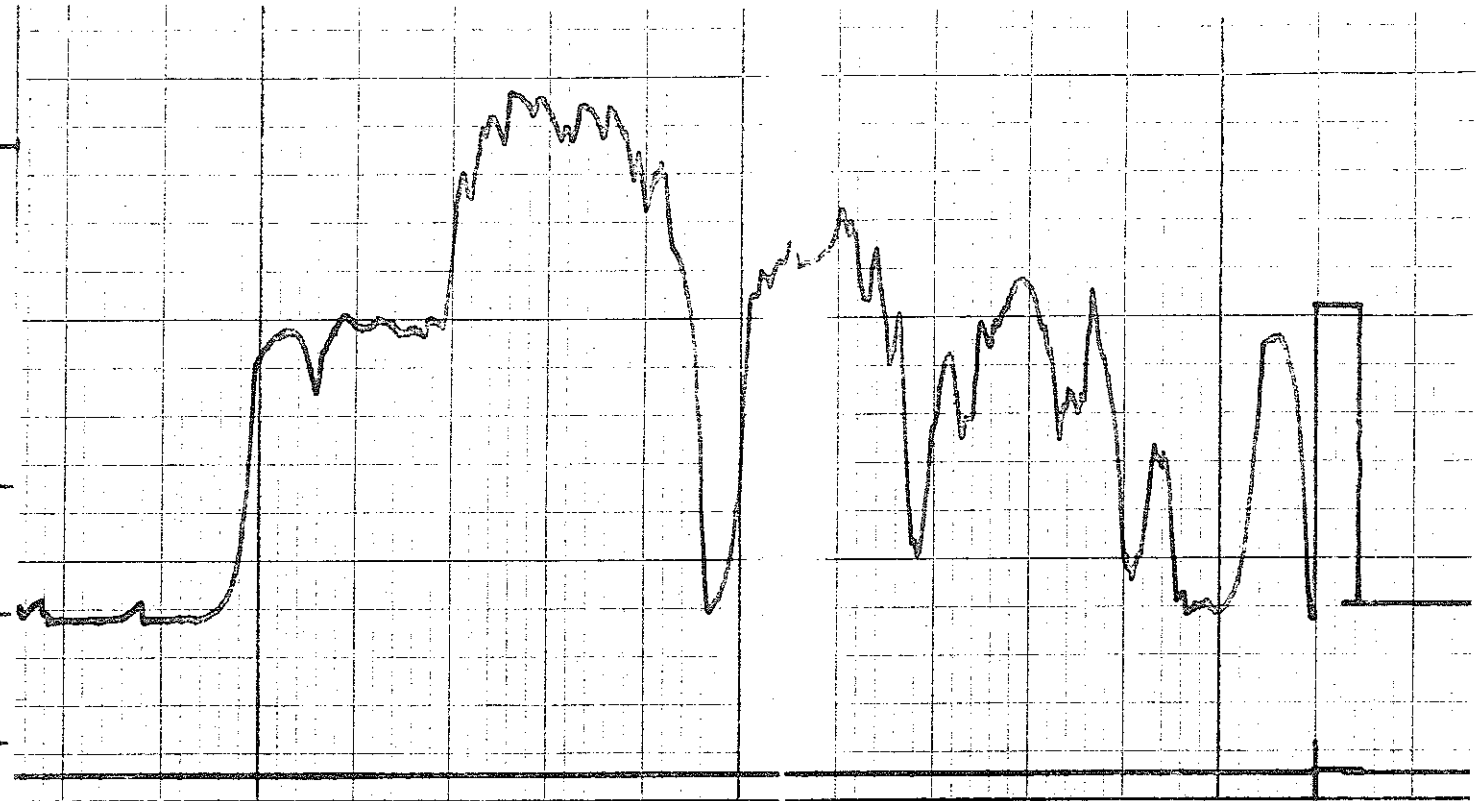
Date 6-1-84  
Run No. ONE  
Depth - Driller \_\_\_\_\_  
Depth - Logger 1583  
Btm. Log Inter. 1580  
Top Log Inter. 0  
Casing - Driller @  
Casing - Logger 5 1/2  
Bit Size \_\_\_\_\_  
Type Fluid in Hole WATER

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STATE CORPORATION COMMISSION

JUL 27 1984

CONSERVATION DIVISION  
Wichita, Kansas

Dens.	Visc.				
pH	Fluid Loss	ml	ml	ml	
Source of Sample					
Rm @ Meas. Temp.	@ °F	@ °F	@ °F	@	
Rmf @ Meas. Temp.	@ °F	@ °F	@ °F	@	
Rmc @ Meas. Temp.	@ °F	@ °F	@ °F	@	
Source: Rmf Rmc					
Rm @ BHT	@ °F	@ °F	@ °F	@	
Time Since Circ.					
Max. Rec. Temp.	°F	°F	°F		
Equip.	Location	<u>M 141</u>	<u>GB</u>		
Recorded By	<u>L. STURKEY</u>				
Witnessed By	<u>MR. HARRIS</u>				



WELL NO. 2

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
X Check if no Drill Stem Tests Run.				
Sand & Shale	0	849		
Lime & Shale	849	1318		
Shale & Lime	1318	2059		
Lime & Shale	2059	2359		
Shale & Lime	2359	2705		
Shale	2705	2890		
Lime & Shale	2890	2953		
Shale & Lime	2953	3020		
Lime & Shale	3020	3425		
Lime & Shale	3425	3657		
Lime & Shale	3657	3925		
Lime & Shale	3925	4033		
Total Depth		4033		
Arbuckle	3718			

If additional space is needed use Page 2, Side 2

Report of all strings set — surface, intermediate, production, etc. **CASING RECORD** (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4	8 5/8		258	60-40 poz	200	3% CaCl. 2% GEL
Production	7 7/8	5 1/2	14	3768	60-40 poz 60-40 poz	475 200	6% gel 2% gel, 10% sa 4# gilsonite 500 gal. mud

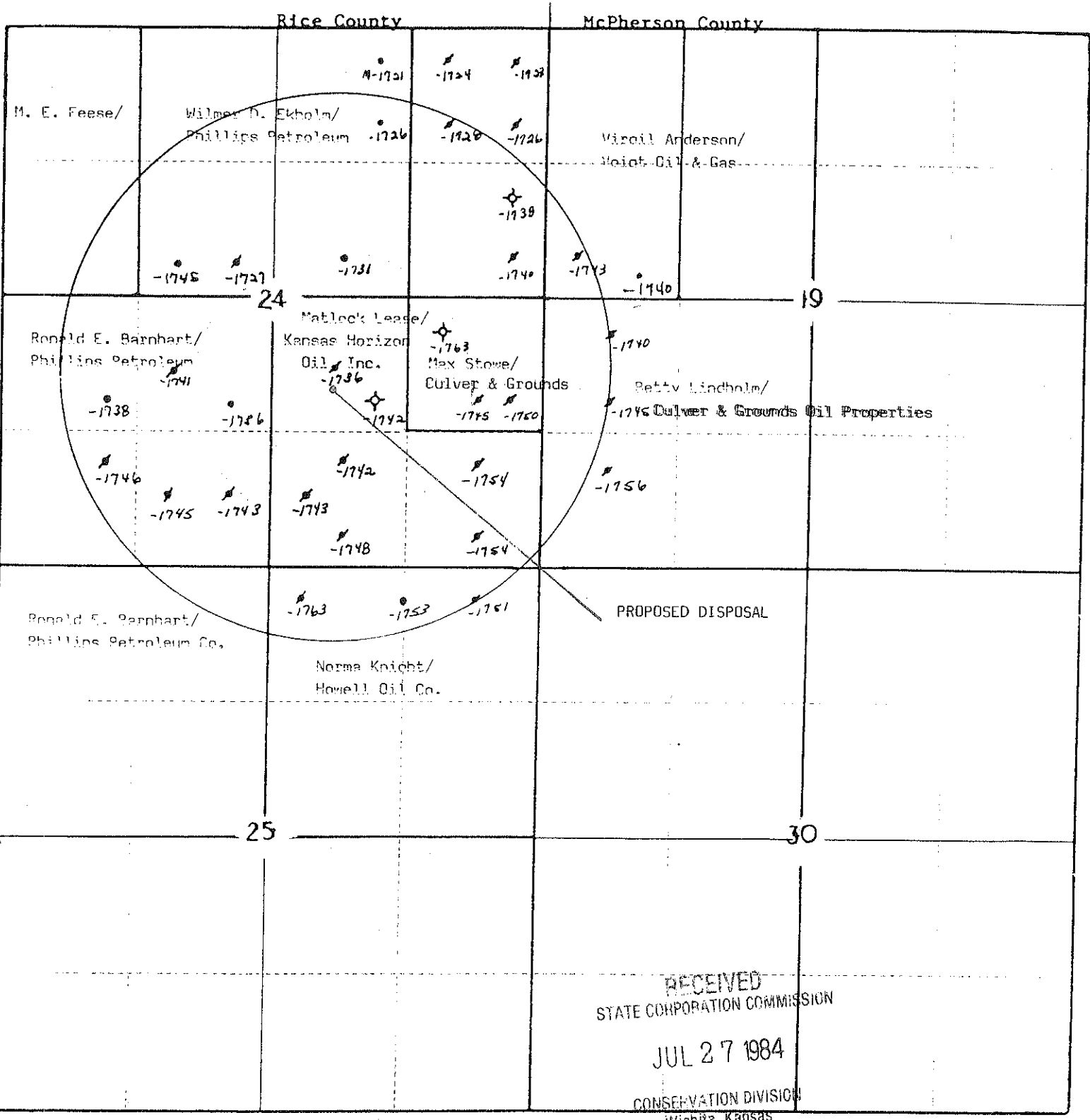
LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD					
Size 3 1/2"	Setting depth 3700'	Packer set at 3700'			

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
Estimated Production -I.P.	Oil bbls.	Gas bbls.
Disposition of gas (vented, used on lease or sold)	Water %	Gas-oil ratio
	MCF	CFPB
Perforations		

Township 20 S Range 6 W County RICE State KS





MATLOCK

\*LOCATION: *Min/3 - SE/4 - 44-00-6*

API NO.  
(YR DRLD/PRE '67) -

FOOTAGE FROM SECTION LINE  
(i.e. FSL=Feet from South line)

WELL STATUS  
(PROD/TA'D  
ABANDONED)

159-21829

1830

**circle**  
**FSL/FNL**

1980

~~Circle~~  
FEL/FWL

Sw d

Feb 2

FSL/FNL

FEL/FMI

FSL/FNL

FBI/FBI

FSL/FNL

## FEEL/FWT

FSL/FNL

## FEET/FMT

FSL/FNL

FBI/FBI

FSL/FNL

FMF/FMF,

FSL/FNL

**FFL/FMT**

FSL/FNL

**FEI/FWI**

FSL/FNL

FEI/FWT

**TEST/FNT**

**FEI/EMT**

FSL/FNT

ET./FWT.

TEST/FNL

FEI/FMT.

**ST/FNT**

**ET/FMT.**

ST/FNI

ET./EWT.

SL/FNT,

FT. / FWT.

A SEPARATE SHEET MAY BE ATTACHED IF NECESSARY

\*When transferring a unit which consists of more than one lease please file a separate side two form for each lease. If a lease covers more than one section, please file a separate side two form for each section.

# REVIEW SUMMARY & SIGN-OFF

# UIC APPLICATIONS

DISPOSAL X ENHANCED RECOVERY \_\_\_\_\_ DOCKET NUMBER (KCC) D 23,336

OPERATOR \_\_\_\_\_ DOCKET NUMBER (KDHE) \_\_\_\_\_

KANSAS HORIZON OIL, INC.  
ROUTE #1  
WINDOM, KS., 67491

LEASE NAME MATLOCK WELL# 2

LEASE DESCRIPTION \_\_\_\_\_

W 1/2 SE 1/4

LICENSE NUMBER 6522 SECTION 24 TWP 20 S RNG 6 X 1/4

WELL LOCATION 1,830 FEET FROM SOUTH LINE; 1,980 FEET FROM EAST LINE

FIELD OR POOL WELCH-BORNHOLDT COUNTY RICE

WATER SOURCE FORMATION(S) LKC, PBC, Miss.

OPEN HOLE X (OR) PERF \_\_\_\_\_ INJECTION FORMATION: ARBUCKLE

TUBING & PACKER X; PACKERLESS \_\_\_\_\_; TUBINGLESS \_\_\_\_\_

DEPTH 3,768 FEET TO BOTTOM 4,034 FEET

## CASING

	CONDUCTOR	SURFACE	INTERMEDIATE	PRODUCTION
SIZE	_____	<u>8 5/8"</u>	_____	<u>5 1/2"</u>
SETTING DEPTH	_____	<u>258'</u>	_____	<u>3,768'</u>
CEMENT SACKS	_____	<u>D.V. TOOL SET AT 1,500 FEET</u> <u>200</u>	_____	<u>475 6% GEL</u> <u>200 2% GEL</u>

TUBING TYPE & GRADE 3 1/2" 8RD STAR FIBERGLASS 1600 PSI

PACKER TYPE & DEPTH SET OTIS PERM TREIVE-5 1/2" SET AT 3,700 FEET.

LIQ. INJECT. RATE: 0 MIN. BBL/DAY INJECT. PRESSURE 0 MIN. PSIG  
6,000 MAX. BBL/DAY 0 MAX. PSIG

ACCEPTABLE TO: \_\_\_\_\_ (DATE) \_\_\_\_\_ (DATE)

KCC TECHNICAL RH 8-8-84 JT. DIST. OFFICE 9-14-84

KDHE ENVIR. GEOL. MC 8-8-84 KDHE/TOPEKA 8-14-84

RECOMMENDED FOR APPROVAL:

KCC CONSERVATION DIV. UIC DIRECTOR \_\_\_\_\_

KDHE OIL FIELD ENVIR. GEOL. DIRECTOR \_\_\_\_\_

(b) (6), (b) (7)(C)

13 Aug 84

PRELIMINARY REVIEW  
KANSAS DEPARTMENT OF HEALTH & ENVIRONMENT  
KCC-CONSERVATION DISTRICT OFFICE

Company Kansas Horizon Oil, Inc. Legal Matlock #2, SE 24-20-GW, Rice

New Application ☒

Enhanced Recovery ☐

Amendment ☐

Disposal ☒

Table I 200' Usable Formation \_\_\_\_\_ Fresh water depth 20'

Surface Protection 25P' Additional pipe protection \_\_\_\_\_

Cementing verified by: ACO-1 ☒ , Drillers Log ☒ , Work Report ☐ , \_\_\_\_\_

Comments on surface protection \_\_\_\_\_

Feet of tubing installed 3702' Packer setting 3700'

Proposed injection formation (s) Arbuckle , \_\_\_\_\_

Injection interval(s) 3768'-4034' , \_\_\_\_\_

Comments: OK

Pressure requested 0 Pressure gradient 0

Comments: OK

Volume requested 6000 BWPD Comments OK

General Comments: None

Date received by reviewer 8/8/84 Date reviewed 8/8/84

Reviewed by (b) (6), (b) (7)(C)

Welch - Bornholdt

DISPOSAL: APPL. X AMEND. # \_\_\_\_\_

DATE (START) 8-8-84

E.R.: APPL. \_\_\_\_\_ AMEND. # \_\_\_\_\_

COUNTY Rice

OPERATOR Kansas Horizon Oil, Inc.

TABLE I 200 FT.

APPROX. LOCATION NW-SE SEC. 24 TWP. 20 RG. 6W

TABLE II 500

LEASE Matlock WELL # 2 FIELD Welch - Bornholdt

PROD. FORM. KC, PBC, Miss. TYPE COMPLETION Tubing & Packer

INJ. FORM. Arbuckle TOP @ 3718' OPEN HOLE ~~2768'~~ FROM 3768 TO 4033 <sup>Per</sup>

TD 4033 PLUG BACK ---

HYDROCARBONS PROTECTED ✓

PACKER DEPTH 3700 FT.

TABLE II SATISFIED ✓

PIPE SIZE	FROM	TO	CEMENT SACKS	FROM	TO
<u>8 5/8"</u>	<u>0'</u>	<u>258'</u>	<u>200</u>	<u>0'</u>	<u>258'</u>
<u>5 1/2"</u>	<u>0'</u>	<u>3768'</u>	<u>200</u>	<u>2820</u>	<u>3768</u>
<u>D.V. Tool @</u>	<u>1500'</u>		<u>475</u>	<u>210'</u>	<u>1520'</u>
<u>3 1/2"</u>	<u>0</u>	<u>3702</u>	<u>---</u>	<u>---</u>	<u>---</u>

CASING PROTECTS FRESH/USABLE WATER \_\_\_\_\_ OR CEMENTED BELOW TABLE I ✓

VERIFICATION OF CLAIMED CEMENT Bond log - 5 1/2" primary cement.

INJECTION ZONE ISOLATED BY CEMENT ✓ CEMENT BEHIND PACKER SITE ✓

AREA INFLUENCE: N.A. ✓, INJ. ZONE PROTECTED: \_\_\_\_\_; \_\_\_\_\_ FT. RADIUS, \_\_\_\_\_ HOLES

INJECTION:

RATE REQUESTED 6000 BPD VS. ORIGINAL \_\_\_\_\_ BPD; RATE OK ✓

PRESSURE REQUESTED 0 PSI VS. ORIGINAL \_\_\_\_\_ PSI; PRESSURE OK ✓

ANNULUS FLUID: corrosion inhib. AMEND. CHANGES:

PROBLEMS: <sup>sh</sup> casing depth  
tubing depth  
packer?

NOTIFIED BY PHONE 8-8-84 / LETTER \_\_\_\_\_

REQUEST ADDITIONAL INFO \_\_\_\_\_: CONSTRUCTION CHANGE \_\_\_\_\_

CONFIRMING <sup>call</sup> LETTER RECEIVED 8-8-84

APPROVAL RECOMMENDED yes BY (b) (6), (b) (7)(C) DATE 8-8-84



State of Kansas . . . John Carlin, Governor

# DEPARTMENT OF HEALTH AND ENVIRONMENT

Barbara J. Sabol, Secretary

Forbes Field  
Topeka, Kansas 66620  
913-862-9360



August 20, 1984

Re: Kansas Horizon Oil, Inc.  
Matlock Lease  
Well No. 2  
W/2 SE/4 of Sec. 24-20S-6W  
Rice County, Kansas  
Disposal of Salt Water  
Permit No. D-23,336

(b) (6), (b) (7)(C) Administrator  
State Corporation Commission  
Conservation Division  
200 Colorado Derby Bldg.  
Wichita, Kansas 67202

Dear (b) (6), (b) (7) :

This Department favors the issuance of a salt water disposal permit to Kansas Horizon Oil, Inc. to use their Well No. 2 on the Matlock Lease located in the N/2 S/2 NW SE/4 of Sec. 24-20S-6W, Rice County, Kansas, as a salt water disposal well.

The salt water is to be introduced into the Arbuckle Formation with open hole from a depth of 3,768 feet to a bottom depth of 4,034 feet, maximum pressure at the wellhead not to exceed gravity.

This well is to be so cased and cemented as to allow none of the mineralized water to come up the hole to contact any of the upper water.

Very sincerely yours,

(b) (6), (b) (7)(C) (b) (6), (b) (7)(C)  
Director  
Bureau of Oil Field and  
Environmental Geology

(b) (6), (b) (7)  
(C)  
cc: (b) (6), (b) (7)(C)  
Kansas Horizon Oil, Inc.

RECEIVED  
STATE CORPORATION COMMISSION

AUG 22 1984

CONSERVATION DIVISION  
Wichita, Kansas

TO:

STATE CORPORATION COMMISSION  
CONSERVATION DIVISION - UIC SECTION  
200 COLORADO DERBY BUILDING  
WICHITA, KANSAS 67202

DOCKET NO. D-23336SE Sec. 24, T 20 S, R 6 (W/E)1805 feet from N/S section line1980 feet from W/E section line

Lease description:

175' S. C NW SE  
SE 1/4Lease Name: Rockville Partners, Well #2 SWCounty RiceMatlock #2

Contact Person

(b) (6), (b) (7)(C)

Phone

(b) (6), (b) (7)(C)

DISPOSAL ☒; ENHANCED RECOVERY ☐Operator License # 6522

Operator:

Name &amp;

Address

Kansas Horizon Oil Inc  
Route 1  
Wichita, Kansas 67491

Max. Auth. Injection Press. 0 psi; Max. Inj. Rate 15,000 bbl/d; Type Completion Packerless

CONDUCTOR

SURFACE

INTERMED.

PRODUCTION

LINER

TUBING

Size

Set at

Cement Top

" Bottom

TEST 1

date

Pressure of

Tubing/Casing

T/C Annulus

C/SP Annulus

Results:

Satisfactory ☒Not satisfactory ☐Marginal ☐

WELL CONDITION

Before  
shut inAfter  
shut in

Start

MIT TEST PRESSURES

10 min.

20 min.

30 min.

00180180180180000000Fluid Loss 0 gal/bbls per30 minutesReason: TD-4094API #15-159-218245 bbl air and treated water

Oper. sign off

KCC/KDHE sign off

TEST 2

date

Pressure of

Tubing/Casing

T/C Annulus

C/SP Annulus

Results:

Satisfactory ☐Not satisfactory ☐Marginal ☐

WELL CONDITION

Before  
shut inAfter  
shut in

Start

MIT TEST PRESSURES

min.

min.

min.

000000000000Fluid Loss 0 gal/bbls per0 minutesReason: 0

Oper. sign off

KCC/KDHE sign off

STATE CORPORATION COMMISSION

AUG 28 1984

Form U-7

CONSERVATION DIVISION

STATE OF KANSAS

# INVOICE

STATE CORPORATION COMMISSION  
CONSERVATION DIVISION

200 COLORADO DERBY BLDG., 202 W. 1st ST.  
WICHITA, KANSAS 67202

To:

APPROVED \_\_\_\_\_ 19 \_\_\_\_  
DATE OF PAYMENT \_\_\_\_\_  
AMOUNT \_\_\_\_\_  
CHECK NO. \_\_\_\_\_

FOR:

11,200.00 ASSESSMENT AS FOLLOWS:

INVOICE No.:

11,200.00

10,000.00  
1,200.00  
11,200.00

Feb 2/20/85  
Ch # 982130

TO INSURE CORRECT APPLICATION KINDLY  
RETURN PINK COPY WITH REMITTANCE

CD





JOHN CARLIN  
MICHAEL LENNEN  
R. C. (PETE) LOUX  
KEITH R. HENLEY  
JUDITH MCCONNELL  
BRIAN J. MOLINE

Governor  
Chairman  
Commissioner  
Executive Secretary  
General Counsel

## State Corporation Commission

### CONSERVATION DIVISION

(Oil, Gas and Water)  
200 Colorado Derby Building  
202 West 1st Street  
WICHITA, KANSAS 67202-1206

**COPY**

September 5, 1984

RE: Matlock Lease  
Welch-Bornholdt Field  
Well #2  
W $\frac{1}{2}$  SE $\frac{1}{4}$  Sec. 24-20-6W  
Rice County, Kansas  
Disposal of Salt Water  
Docket No. D-23,336

Kansas Horizon Oil, Inc.  
Route #1  
Windom, KS., 67491

Gentlemen:

#### FOR YOUR ATTENTION

Enclosed is an attested copy of the above-described order, together with an invoice of the charges. YOUR ATTENTION IS DIRECTED TO THE PROVISIONS OF THIS ORDER WHICH PROHIBIT THE TRANSFER OF THE DISPOSAL AUTHORITY (if the lease or leases described in the caption of this order are assigned, sold or transferred) WITHOUT WRITTEN CONSENT FROM THE COMMISSION. OTHERWISE, this order becomes null and void!

The Commission must be notified of the commencement date of this disposal project. Also, kindly notify the Commission when disposal projects are discontinued, so the order may be cancelled.

Please see that your fieldmen in charge of this disposal project are instructed as to the provisions of the order and the Rules and Regulations of the Commission governing the disposal of salt water. The Commission must be notified by amendment of any changes to be made in the provisions of the order.

If the log of the disposal well has not been filed, please comply with Paragraph (5) of the application and order.

Very truly yours,

(b) (6), (b) (7)(C)

Enclosure:

cc: KDHE; D.O. #5; (b) (6), (b) (7)(C); Culver & Grounds Oil Props.; Voight Oil & Gas;  
Howell Oil Co.; Phillips Petro. Co.; (b) (6), (b) (7)(C)  
(b) (6), (b) (7)(C)

MINUTES OF THE STATE CORPORATION COMMISSION  
OF THE STATE OF KANSAS

BEFORE COMMISSIONERS: MICHAEL LENNEN, CHAIRMAN  
RICHARD C. (PETE) LOUX  
KEITH R. HENLEY

DATED AUG 30 1984  
WICHITA, KS

SUBJECTS:

IN THE MATTER OF THE APPLICATION OF ) DOCKET NO. D-23,347  
ALADDIN PETROLEUM CORP. FOR AN ORDER )  
APPROVING THE DISPOSAL OF SALT WATER )  
INTO WELL No. 14 DESCRIBED IN ) CONSERVATION DIVISION  
PARAGRAPH "3" WHICH IS LOCATED ON THE )  
SODERSTROM LEASE, COVERING THE SE/4 ) LICENSE NO. 5035  
OF SECTION 21, TOWNSHIP 17 SOUTH, )  
RANGE 13 WEST IN THE TRAPP FIELD )  
IN BARTON COUNTY, KANSAS )

IN THE MATTER OF THE APPLICATION OF ) DOCKET NO. D-22,008  
HANHOFF OIL & GAS COMPANY FOR AN ORDER )  
APPROVING THE DISPOSAL OF SALT WATER )  
INTO WELL No. 1 DESCRIBED IN ) CONSERVATION DIVISION  
PARAGRAPH "3" WHICH IS LOCATED ON THE )  
ALOIS STECKLEIN LEASE, COVERING TRACTS ) LICENSE NO. 6717  
1-51 ON THE N/2 OF SECTION 25, )  
TOWNSHIP 14 SOUTH, RANGE 18 WEST IN )  
THE UNNAMED FIELD IN ELLIS COUNTY, )  
KANSAS )

IN THE MATTER OF THE APPLICATION OF ) DOCKET NO. D-23,336  
KANSAS HORIZON OIL, INC. FOR AN ORDER )  
APPROVING THE DISPOSAL OF SALT WATER )  
INTO WELL No. 2 DESCRIBED IN ) CONSERVATION DIVISION  
PARAGRAPH "3" WHICH IS LOCATED ON THE )  
MATLOCK LEASE, COVERING THE W/2 SE/4 ) LICENSE NO. 6522  
OF SECTION 24, TOWNSHIP 20 SOUTH, )  
RANGE 06 WEST IN THE WELCH-BORNHOLDT )  
FIELD IN RICE COUNTY, KANSAS )

IN THE MATTER OF THE APPLICATION OF ) DOCKET NO. D-23,282  
(b) (6), (b) (7)(C) FOR AN ORDER )  
APPROVING THE DISPOSAL OF SALT WATER )  
INTO WELL No. 6 DESCRIBED IN ) CONSERVATION DIVISION  
PARAGRAPH "3" WHICH IS LOCATED ON THE )  
B. LAUBER LEASE, COVERING THE NW/4 )  
OF SECTION 12, TOWNSHIP 26 SOUTH, )  
RANGE 14 EAST IN THE BIG SANDY FIELD )  
IN WOODSON COUNTY, KANSAS )

RECEIVED  
STATE CORPORATION COMMISSION

SEP 04 1984

CONSERVATION DIVISION  
Wichita, Kansas

MINUTES OF THE STATE CORPORATION COMMISSION  
OF THE STATE OF KANSAS

PAGE 2

BEFORE COMMISSIONERS: MICHAEL LENNEN, CHAIRMAN  
RICHARD C. (PETE) LOUX  
KEITH R. HENLEY

DATED AUG 30 1984  
WICHITA, KS

SUBJECTS:

IN THE MATTER OF THE APPLICATION OF ) DOCKET NO. D-23,311  
DENNIS & RAY PERERA FOR AN ORDER )  
APPROVING THE DISPOSAL OF SALT WATER )  
INTO WELL NO. 2 DESCRIBED IN ) CONSERVATION DIVISION  
PARAGRAPH "3" WHICH IS LOCATED ON THE )  
OSTENBERG LEASE, COVERING THE SE SW SW ) LICENSE NO. 5563  
OF SECTION 30, TOWNSHIP 15 SOUTH, )  
RANGE 03 WEST IN THE SMOLAN POOL )  
IN SALINE COUNTY, KANSAS )

IN THE MATTER OF THE APPLICATION OF ) DOCKET NO. D-23,301  
VIKING PETROLEUM, INC. FOR AN ORDER )  
APPROVING THE DISPOSAL OF SALT WATER )  
INTO WELL NO. 4 SWD DESCRIBED IN ) CONSERVATION DIVISION  
PARAGRAPH "3" WHICH IS LOCATED ON THE )  
WOODS LEASE, COVERING PT. OF THE NW/4 ) LICENSE NO. 5013  
E. OF THE ARKANSAS RIVER 19A AND ALL )  
OF THE NE/4 E. OF THE ARKANSAS RIVER )  
158A OF SECTION 36, TOWNSHIP 31 SOUTH, )  
RANGE 02 EAST IN THE CHURCHILL FIELD )  
IN SUMNER COUNTY, KANSAS )

THE ABOVE-ENTITLED MATTERS COME ON FOR CONSIDERATION BY  
THE COMMISSION FOR ORDERS APPROVING DISPOSAL OF SALT WATER.

BEING DULY ADVISED IN THE PREMISES, IT IS THE DECISION  
OF THIS COMMISSION THAT THE ABOVE APPLICATIONS FILED BY THE  
ABOVE-NAMED APPLICANTS BE GRANTED IN ACCORDANCE WITH AND SUBJECT  
TO THE PROVISIONS OF THE ORDERS ENTERED HEREIN.

FOR THE COMMISSION

(b) (6), (b) (7)(C)

ATTEST:

EXECUTIVE SECRETARY

APPROVED

(b) (6), (b) (7)(C)

DIRECTOR

RECEIVED  
STATE CORPORATION COMMISSION

SEP 04 1984

CONSERVATION DIVISION  
Wichita, Kansas

BEFORE THE STATE CORPORATION COMMISSION  
OF THE STATE OF KANSAS

BEFORE COMMISSIONERS:     MICHAEL LENNEN, CHAIRMAN  
                             RICHARD C. (PETE) LOUX  
                             KEITH R. HENLEY

IN THE MATTER OF THE APPLICATION OF	)	DOCKET NO. D-23,336
KANSAS HORIZON OIL, INC. FOR AN ORDER	)	
APPROVING THE DISPOSAL OF SALT WATER	)	
INTO WELL NO. 2 DESCRIBED IN	)	CONSERVATION DIVISION
PARAGRAPH (3), WHICH IS LOCATED ON THE	)	
MATLOCK LEASE, COVERING THE W/2 SE/4	)	LICENSE NO. 6522
OF SECTION 24, TOWNSHIP 20 SOUTH,	)	
RANGE 06 WEST	)	
	)	
IN THE	)	
WELCH-BORNHOLDT FIELD	)	
	)	
IN	)	
RICE COUNTY, KANSAS	)	APPROVING:
	)	DISPOSAL OF SALT WATER

ORDER

THE ABOVE-ENTITLED MATTER COMES ON FOR CONSIDERATION BY THE STATE CORPORATION COMMISSION. BEING FULLY ADVISED IN THE PREMISES, AND HAVING GIVEN DUE CONSIDERATION TO THE COMMISSION FILES, AND TO THE ENTIRE RECORD HEREIN, THE COMMISSION FINDS AND CONCLUDES THAT:

(1) THE PLAT MAP SHOWS THE PROPOSED DISPOSAL WELL TO BE LOCATED IN THE WELCH-BORNHOLDT FIELD;

(2) APPLICANT SEEKS TO INTRODUCE SALT WATER INTO THE ARBUCKLE FORMATION, WHICH CONTAINS WATER MINERALIZED BY PROCESSES OF NATURE TO SUCH A DEGREE THAT THE WATER IS UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USES. SAID WELL IS A TUBING AND PACKER COMPLETION WITH OPEN HOLE FROM A DEPTH OF APPROXIMATELY 3768 FEET TO A BOTTOM DEPTH OF APPROXIMATELY 4034 FEET;

(3) APPLICANT SEEKS TO DISPOSE THROUGH WELL NO. 2, LOCATED 1830 FEET FROM THE SOUTH LINE AND 1980 FEET FROM THE EAST LINE OF SECTION 24, TOWNSHIP 20 SOUTH, RANGE 06 WEST, RICE COUNTY, KANSAS;

(4) APPLICANT SEEKS AUTHORITY TO INTRODUCE SALT WATER INTO A FORMATION NOT KNOWN TO BE PRODUCTIVE OR EXPECTED TO PRODUCE IN THIS FIELD;

(5) A COMPLETE LOG OF THE DISPOSAL WELL HAS BEEN FILED ALONG WITH THE APPLICATION;

(6) COMPLETE CASING INFORMATION IS AS FOLLOWS:

<u>SIZE</u>	<u>SEAT DEPTH</u>	<u>CEMENTED OR MUDDERED</u>	<u>SACKS CEMENT USED</u>
8 5/8"	258'	CEMENTED	200
DV TOOL	1500'	CEMENTED	475 6% GEL
5 1/2"	3768'	CEMENTED	200 2% GEL

3 1/2" 8RD Star FIBERGLASS 1600 PSI TUBING WITH OTIS PERM TREIVE 5 1/2" PACKER SET AT 3700'.

(7) SALT WATER DESIRED TO BE INTRODUCED WILL BE PRODUCED FROM THE FOLLOWING DESCRIBED WELL(S) AND LEASE(S):

STATE CORPORATION COMMISSION

SEP 04 1924

CONSERVATION DIVISION  
Wichita, Kansas

KANSAS HORIZON OIL, INC.

D-23,336

DISPOSAL OF SALT WATER

<u>LEASE OPERATOR</u>	<u>LEASE NAME</u>	<u>LEASE DESCRIPTION</u>	<u>WELL NOS.</u>
KANSAS HORIZON OIL	(b) (6), (b) (7)(C)	W/4 OF W/2 18-20-05W	1,2,3
KANSAS HORIZON OIL		E 3/4 OF NW/4 18-20-05W	1
KANSAS HORIZON OIL		S/2 SE/4 24-20-06W	1
KANSAS HORIZON OIL		E/2 NE/4 24-20-06W	1
KANSAS HORIZON OIL		E/2 SE/4 13-20-06W	1

AND FROM ANY WELL OR WELLS ON, OR THAT MAY BE DRILLED ON, THE ABOVE-DESCRIBED LEASE(S), AT A RATE NOT TO EXCEED 6000 BARRELS PER DAY AT A WELL HEAD PRESSURE OF GRAVITY.

(8) A COPY OF THIS APPLICATION HAS BEEN MAILED OR PERSONALLY DELIVERED TO THE LANDOWNER AND ALL OPERATORS OF PRODUCING WELLS WITHIN ONE-HALF MILE OF THE PROPOSED DISPOSAL WELL, AS LISTED BELOW:

OPERATOR'S CORRECT NAME

MAILING ADDRESS

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

CULVER & GROUNDS OIL PROPERTIES

1423 RANCH RD.  
McPHERSON, KS 67460

VOIGHT OIL & GAS

1255 N. OLIVER  
WICHITA, KS 67208

HOWELL OIL CO.

Box 2091  
HUTCHINSON, KS 67501

PHILLIPS PETROLEUM CO.

Box 287  
GREAT BEND, KS 67530

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

IT IS THEREFORE, BY THE COMMISSION ORDERED THAT KANSAS HORIZON OIL, INC. BE, AND IT IS HEREBY AUTHORIZED TO DISPOSE OF SALT WATER PRODUCED FROM THE WELL(S) ON THE LEASE(S) DESCRIBED IN PARAGRAPH (7) INTO THE ARBUCKLE FORMATION THROUGH WELL No. 2, DESCRIBED IN PARAGRAPH (3), WITH OPEN HOLE FROM A DEPTH OF APPROXIMATELY 3768 FEET TO A BOTTOM DEPTH OF APPROXIMATELY 4034 FEET, SAID WATER NOT TO EXCEED 6000 BARRELS PER DAY AND TO BE INTRODUCED AT A WELLHEAD PRESSURE OF GRAVITY AS PROVIDED FOR IN THE RULES AND REGULATIONS OF THE COMMISSION.

STATE CORPORATION COMMISSION

SEP 04 1984

CONSERVATION DIVISION  
Wichita, Kansas

KANSAS HORIZON OIL, INC.

D-23,336

DISPOSAL OF SALT WATER

THAT THE APPLICATION COMPLIES WITH ALL THE REQUIREMENTS IMPOSED BY THE COMMISSION AND THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT, AND THAT APPROVAL IS RECOMMENDED BY BOTH AGENCIES.

IT IS FURTHER ORDERED BY THE COMMISSION THAT THE DISPOSAL AUTHORITY GRANTED BY THIS ORDER SHALL NOT BE ASSIGNED, SOLD, OR TRANSFERRED WITHOUT THE WRITTEN APPROVAL OF THIS COMMISSION.

IT IS FURTHER BY THE COMMISSION ORDERED THAT THIS AUTHORITY DOES NOT CONSTITUTE ANY AUTHORITY UNDER THE PROVISION OF K.S.A. 82A-701 TO 82A-730, REGARDING THE USE OF FRESH WATER. PRIOR TO SUCH USE, AN APPLICATION MUST BE FILED WITH THE DIVISION OF WATER RESOURCES, KANSAS STATE BOARD OF AGRICULTURE.

THE COMMISSION HEREBY RETAINS JURISDICTION OF THE SUBJECT MATTER HEREOF AND THE PARTIES HERETO FOR THE PURPOSE OF ISSUING, FROM TIME TO TIME, SUCH FURTHER ORDERS, AMENDMENTS, RULES AND REGULATIONS AS MAY BE NECESSARY IN CONNECTION WITH THE ABOVE-ENTITLED MATTER, IF NOT SPECIFICALLY PROVIDED FOR IN THE RULES AND REGULATIONS OF THE COMMISSION APPLYING TO THE DISPOSAL OF SALT WATER.

BY THE COMMISSION IT IS SO ORDERED.

LENNEN, CHMN., LOUX, COM., HENLEY, COM. (b) (6), (b) (7)(C)

DATED AUG 30 1984

EXECUTIVE SECRETARY

RECEIVED  
STATE OF KANSAS - WATER COMMISSION

SEP 04 1984

COOPERATION DIVISION  
WATER RESOURCES

STATE OF KANSAS

# INVOICE

September 5, 19 84

To: Kansas Horizon Oil, Inc.  
Route #1  
Winona, KS., 67491

STATE CORPORATION COMMISSION  
CONSERVATION DIVISION

200 COLORADO DERBY BLDG., 202 W. 1st ST.  
WICHITA, KANSAS 67202

For: Disposal of Salt Water ASSESSMENT AS FOLLOWS:

INVOICE No.: D-23,335

SECOND NOTICE

2-1-85

Hatlock Lease  
Welch-Bornholdt Field  
Well #2  
W 1/4 SE 1/4 Sec. 24-20-01  
Rice County, Kansas

Assessment for the above described Lease-----\$100.00

TO INSURE CORRECT APPLICATION KINDLY  
RETURN PINK COPY WITH REMITTANCE

CD





JOHN CARLIN  
MICHAEL LEMMON  
R. C. (PETE) LOUX  
PHILLIP R. DICK  
JUDITH McCONNELL  
BRIAN J. MOLINE

GOVERNOR  
CHAIRMAN  
COMMISSIONER  
COMMISSIONER  
EXECUTIVE SECRETARY  
GENERAL COUNSEL

State Corporation Commission

CONSERVATION DIVISION

(Oil, Gas and Water)  
200 Colorado Derby Building  
202 West 1st Street  
WICHITA, KANSAS 67202-1286

COPY

February 1st, 1985

Kansas Horizon Oil, Inc.  
Route #1  
Windom, Kansas, 67491

RE: UIC ASSESSMENTS

BALANCE DUE:

RE: Matlock Lease  
Welch-Bornholdt Field  
Well #2  
W $\frac{1}{2}$  SE $\frac{1}{4}$  Sec. 24-20-6W  
Rice County, Kansas  
Disposal of Salt Water  
Docket No. D-23,336

Our records indicate that we have not received payment on your account which was due September 5, 1984. We are sure that this is merely an oversight and that you will make immediate payment.

Please make your check payable to: KANSAS CORPORATION COMMISSION. Mail your payment to: 200 COLORADO DERBY BUILDING, 202 W. 1ST. WICHITA, KANSAS 67202.

If you have any questions regarding your account, please contact us. Your cooperation in this matter is greatly appreciated.

Sincerely,

(b) (6), (b) (7)(C)

B  
Administrative Officer  
State Corporation Commission

KANSAS HORIZON OIL, INC.

RT. 1 489-6458  
WINDOM, KS 67460

FEB 20 1985

982

Feb 19 1985

83-159  
1011

PAY TO THE  
ORDER OF State Corp Comm

\$ 100 00

One Hundred Dollars & 10/100

DOLLARS



HOME STATE BANK  
& TRUST CO.  
McPHERSON, KANSAS 67460

(b) (6), (b) (7)(C)

⑈000000982⑈ ⑆101101594⑆ 1 6467 7⑈

THIS CHECK IS DELIVERED FOR PAYMENT ON THE ACCOUNTS SHOWN ABOVE.

D 23,336



**HORIZON OIL INC.**

ROUTE # 1

316-489-6221

WINDOM, KANSAS 67491

January 20, 1987

State Corporation Commission  
Conservation Division- UIC Section  
200 Colorado Derby Bldg.  
Wichita, KS 67202

RE: Amended Salt Water Disposal Order  
Sandhills, Disposal  
Matlock #2 Disposal

Dear Sirs:

Please find enclosed our applications to amend the salt water disposal order on the above mentioned disposals.

If you have any questions, please contact me at your convenience.

Very truly yours,

(b) (6), (b) (7)(C)

STATE CORPORATION COMMISSION

JAN 21 1987

CONSERVATION DIVISION  
Wichita, Kansas

KANSAS HORIZON OIL, INC.  
R. R. 1, BOX 86 489-6221  
WINDOM, KS 67491

3050

83-159  
1011

1 22 1987

OTHER  
ORDER OF

\$

DOLLARS

JAN 22 1987



HOME STATE BANK  
& TRUST CO.  
McPHERSON, KANSAS 67460

00003050

101101594

1 467 7

THIS CHECK IS DELIVERED FOR PAYMENT ON THE ACCOUNTS SHOWN ABOVE

W<sub>2</sub> SE<sub>4</sub> SEC. 24, T20S, R 6 ( ) E

1980      Feet from East section line

Rice County

Originally granted to: Kansas Horizon Oil, Inc

Phone [REDACTED]

CONSERVATION DIVISION  
Wichita, Kansas



C. (x) Add the following leases for supplying salt water fro injection:

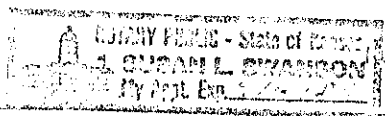
<u>Company</u>	<u>Lease Name</u>	<u>Lease Description</u>	<u>Well#</u>
Phillips Petroleum	Bengston A	E/2SW/4 13-20S-6W, Rice Co.	1
Phillips Petroleum	Ekholm A	E/2NW/4 & W/2NE/4 24-20-6, Rice Co.	3
Phillips Petroleum	Fry G	S/2SW/4 15-20-6, Rice Co.	2
Phillips Petroleum	Hokr A	W/2NW/4 24-20-6, Rice Co.	2
Phillips Petroleum	Malm A	SW/4 Sec24 & NW/4 25-20-6, Rice Co.	2
Phillips Petroleum	Mattson C	SE/4 less N/2NE SE 25-20-6, Rice Co.	1
Kansas Horizon Oil	Snyder	SE/4 SE/4 12-20-6, Rice Co.	1
Kansas Horizon Oil	Snyder North	NE/4 SE/4 12-20-6, Rice Co.	1
Kansas Horiozn Oil	Johns	NE/4 18-20-5, Mcpherson Co.	1
Kansas Horizon Oil	Lindell	N/2 SW/4 12-20-6, Rice Co.	1
Champion Petroleum	Murray	S/2 SW/4 12-20-6, Rice Co.	1
Kansas Horizon Oil	Knight	NE/4 25-20-6, Rice Co.	1

A copy of the application has been mailed to the landowner, to all operators of lease, and to all unleased mineral interest owners within 1/2 mile radius of this input well.

<u>Name</u>	<u>Mailing Address</u>
(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)
Culver & Grounds OIL Properties	1423 Ranch Rd. McPherson, KS 67460
Voight Oil & Gas	Rt. 3, Box 33-B McPherson, KS 67460
(b) (6), (b) (7)	(b) (6), (b) (7)(C)
Phillips Petroleum Co.	Box 287 Great Bend, KS 67530
(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)
(b) (6), (b) (7)(C)	(b) (6), (b) (7)(C)
(b) (6), (b) (7) (C)	(b) (6), (b) (7)(C)
	Signature _____
Date 12-12, 19 86	(b) (6), (b) (7)(C)
	Applicant or Agent Name (type or print)

SUBSCRIBED AND SWORN before me this 12th day of December, 19 86

My commission expires



NOTARY PUBLIC

STATE CORPORATION COMMISSION

JAN 21 1987



JOHN CARLIN  
MICHAEL LENNEN  
MARGALEE WRIGHT  
KEITH R. HENLEY  
JUDITH McCONNELL  
BRIAN J. MOLINE

GOVERNOR  
CHAIRMAN  
COMMISSIONER  
COMMISSIONER  
EXECUTIVE SECRETARY  
GENERAL COUNSEL

State Corporation Commission

CONSERVATION DIVISION

(Oil, Gas and Water)  
200 Colorado Derby Building  
202 West 1st Street  
WICHITA, KANSAS 67202-1286

January 21, 1987

(b) (6), (b) (7)  
(C)

Kansas Horizon Oil, Inc.  
Rt. #1 - Box 86  
Windom, Kansas 67491

Re: UIC Well Amendment App.  
Lease: Matlock Well: #2  
Sec. 24, Twn. 20S, Rng. 06 West

Dear Sirs:

On January 21, 1987, we received your application as identified above. As of February 1, 1986, correct fee payment must accompany UIC applications. We received a payment of \$0 with your application. The correct payment appears to be \$50.00.

Please remit \$50.00 so that this application may be processed. If no response is received within 30 days, this application will be returned.

Please return a copy of this letter with your payment.

Enclosed is a copy of the new UIC application fee schedule effective February 1, 1986.

Thank you for your attention to this matter.

Sincerely,

(b) (6), (b) (7)(C)

Director Class II UIC

Enclosure

(b) (6), (b)  
(7)(C)



AMENDMENT

Docket Number D-23,336 Enhanced Recovery \_\_\_\_\_ Disposal ☒  
 Operator Kansas Horizon Oil, Inc.  
 Well Number 2 Lease Matlock License Number 6522  
SE Quarter 24 Section 20 Township 6 Range East West  
Welch-Bornholdt Field Rice County \_\_\_\_\_

Amending paragraph(s) 7  
 of the Order dated Aug 30, 1984 (original order)  
 to add <sup>12</sup> ~~one~~ leases supplying saltwater

(List all amendments to order here.)  
 (Add or delete leases, wells, formations.....state number.)  
 (Increase/decrease injection quantity/pressure.....state amount.)

Application for amendment filed on Jan 23, 1987

**ADD OR DELETE LEASES:**

☒ C (x) Add the following leases for supplying salt water fro injection:

1.	Company	Lease Name	Lease Description	Well#
2.	Phillips Petroleum	Bengston A	E/2SW/4 13-20S-6W, Rice Co.	1
3.	Phillips Petroleum	Ekholm A	E/2NW/4 & W/2NE/4 24-20-6, Rice Co.	3
—	Phillips Petroleum	Fry G	S/2SW/4 15-20-6, Rice Co.	2
—	Phillips Petroleum	Hokr A	W/2NW/4 24-20-6, Rice Co.	2
1. fr	Phillips Petroleum	Malm A	SW/4 Sec24 & NW/4 25-20-6, Rice Co.	2 feet
—	Phillips Petroleum	Mattson C	SE/4 less N/2NE SE 25-20-6, Rice Co.	1
—	Kansas Horizon Oil	Snyder	SE/4 SE/4 12-20-6, Rice Co.	1
—	Kansas Horizon Oil	Snyder North	NE/4 SE/4 12-20-6, Rice Co.	1
—	Kansas Horiozn Oil	Johns	NE/4 18-20-5, Mcpherson Co.	1 ating
Si:	Kansas Horizon Oil	Lindell	N/2 SW/4 12-20-6, Rice Co.	1
Se	Champion Petroleum	Murray	S/2 SW/4 12-20-6, Rice Co.	1
Ce	Kansas Horizon Oil	Knight	NE/4 25-20-6, Rice Co.	1

Tubing Type & Grade \_\_\_\_\_ Packer Type & Depth \_\_\_\_\_

2. Well No. \_\_\_\_\_, located \_\_\_\_\_ feet from the South line and \_\_\_\_\_ feet from the East line in Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_, County, Kansas, with the following casing information:

Size \_\_\_\_\_  
 Setting Depth \_\_\_\_\_  
 Cement Sacks \_\_\_\_\_  
 Tubing Type & Grade \_\_\_\_\_ Packer Type & Depth \_\_\_\_\_

APPROVED BY:

(b) (6), (b) (7)(C)

DATE

2/5/87

APPROVAL RECOMMENDED:

(b) (6), (b) (7)(C)

DATE

2/5/87

UIC DIRECTOR



HN CARLIN  
CHAE L LENNEN  
RGALEE WRIGHT  
ITH R. HENLEY  
DITH A. McCONNELL  
IAN J. MOLINE

Governor  
Chairman  
Commissioner  
Commissioner  
Executive Secretary  
General Counsel

## State Corporation Commission

### CONSERVATION DIVISION

(Oil, Gas and Water)  
200 Colorado Derby Building  
202 West 1st Street  
WICHITA, KANSAS 67202-1286

April 8, 1987

Matlock Lease  
Welch-Bornholdt Field  
Well #2  
W/2 SE/4 Sec. 24-20S-06W  
Rice County, Kansas  
Docket #D-23,336

Kansas  
Horizon Oil, Inc.  
Route #1, Box 86  
Windom, Kansas 67491

Gentlemen:

Enclosed is an attested copy of an amendment to the order for the above  
Docket Number.

Very truly yours,

(b) (6), (b) (7)(C)

UIC Division

Enclosure: (2)

cc: Dist. Office #5; Horizon Oil, Inc.; (b) (6), (b) (7)(C)  
Properties: Voight Oil & Gas; (b) (6), (b) (7)(C) Culver & Grounds Oil  
(b) (6), (b) (7)(C) (b) (6), (b) (7)(C)  
(b) (6), (b) (7)(C)

BEFORE THE STATE CORPORATION COMMISSION  
OF THE STATE OF KANSAS

BEFORE COMMISSIONERS:   MICHAEL LENNEN, CHAIRMAN  
                              MARGALEE WRIGHT  
                              KEITH R. HENLEY

IN THE MATTER OF THE APPLICATION OF	)	DOCKET NO. D-23,336
KANSAS HORIZON OIL, INC. FOR AN ORDER	)	
AMENDING PARAGRAPH 7 OF THE COMMISSION'S	)	CONSERVATION DIVISION
ORDER DATED AUGUST 30, 1984, TO ALLOW	)	
THE DISPOSAL OF SALT WATER, INTO WELL NO.	)	LICENSE NO. 6522
2, WHICH IS ON THE MATLOCK LEASE,	)	
COVERING THE W/2 SE/4 OF SECTION 24,	)	
TOWNSHIP 20 SOUTH, RANGE 06 WEST IN THE	)	
WELCH-BORNHOLDT FIELD IN RICE COUNTY,	)	
KANSAS, TO ADD TWELVE (12) LEASES TO THE	)	
ORIGINAL ORDER AS DESCRIBED IN PARAGRAPH	)	
(1);	)	

ORDER

THE ABOVE-ENTITLED MATTER COMES BEFORE THE COMMISSION FOR FURTHER CONSIDERATION AND DISPOSITION. THE COMMISSION, HAVING TAKEN THE MATTER UNDER ADVISEMENT FINDS:

1. AN APPLICATION WAS FILED ON THE 23RD DAY OF JANUARY, 1987, TO AMEND PARAGRAPH 7 OF THE ORDER DATED AUGUST 30, 1984 IN DOCKET NO. D-23,336, TO ADD THE FOLLOWING TWELVE (12) LEASES FOR SUPPLY OF SALT WATER:

<u>COMPANY</u>	<u>LEASE NAME</u>	<u>LEASE DESCRIPTION</u>
PHILLIPS PETROLEUM	(b) (6), (b) (7)(C)	E/2 SW/4 SEC. 13-T20S-R06W RICE COUNTY, KANSAS
PHILLIPS PETROLEUM		E/2 NW/4 & W/2 NE/4 SEC. 24-T20S-R06W RICE COUNTY, KANSAS
PHILLIPS PETROLEUM		S/2 SW/4 SEC. 15-T20S-R06W RICE COUNTY, KANSAS
PHILLIPS PETROLEUM		W/2 NW/4 SEC. 24-T20S-R06W RICE COUNTY, KANSAS
PHILLIPS PETROLEUM		SW/4 SEC. 24 & NW/4 SEC. 25-T20S-R06W RICE COUNTY, KANSAS
PHILLIPS PETROLEUM		SE/4 LESS N/2 NE SE SEC. 25-T20S-R06W RICE COUNTY, KANSAS
KANSAS HORIZON OIL		SE/4 SE/4 SEC. 12-T20S-R06W RICE COUNTY, KANSAS
KANSAS HORIZON OIL		NE/4 SE/4 SEC. 12-T20S-R06W RICE COUNTY, KANSAS
KANSAS HORIZON OIL		NE/4 SEC. 18-T20S-R05W McPHERSON COUNTY, KANSAS

KANSAS HORIZON OIL, INC.

D-23,336

AMENDED DISPOSAL OF SALT WATER

<u>COMPANY</u>	<u>LEASE NAME</u>	<u>LEASE DESCRIPTION</u>
KANSAS HORIZON OIL	(b) (6), (b) (7)(C)	N/2 SW/4 SEC. 12-T20S-R06W RICE COUNTY, KANSAS
CHAMPION PETROLEUM		S/2 SW/4 SEC. 12-T20S-R06W RICE COUNTY, KANSAS
KANSAS HORIZON OIL		NE/4 SEC. 25-T20S-R06W RICE COUNTY, KANSAS

2. PROPER NOTICE HAS BEEN FURNISHED ALL PARTIES HAVING ANY INTEREST HEREIN. NO PROTESTS HAVE BEEN FILED AND APPROVAL HAS BEEN RECOMMENDED BY THE CONSERVATION DIVISION.

3. APPLICANT'S LEASE IS LOCATED AND DESCRIBED AS FOLLOWS:

W/2 SE/4 OF SECTION 24, TOWNSHIP 20 SOUTH, RANGE 06 WEST IN THE WELCH-BORNHOLDT FIELD, RICE COUNTY, KANSAS;

4. THE APPLICATION SHOULD BE GRANTED IN ACCORDANCE WITH THE ABOVE FINDINGS.

IT IS, THEREFORE, BY THE COMMISSION ORDERED: THAT KANSAS HORIZON OIL, INC., BE, AND IS HEREBY GRANTED AN AMENDMENT TO PARAGRAPH 7 OF THE ORDER DATED AUGUST 30, 1984 IN DOCKET NO. D-23,336 AND THAT SAID APPLICANT BE PERMITTED TO ADD TWELVE (12) LEASES AS DESCRIBED IN PARAGRAPH 1.

IT IS FURTHER BY THE COMMISSION ORDERED: THAT THE DISPOSAL OF SALT WATER AUTHORITY GRANTED BY THIS ORDER SHALL NOT BE ASSIGNED, SOLD OR TRANSFERRED WITHOUT THE APPROVAL OF THIS COMMISSION.

THE COMMISSION RETAINS JURISDICTION OF THE SUBJECT MATTER AND THE PARTIES FOR THE PURPOSE OF ISSUING SUCH FURTHER ORDER OR ORDERS AS FROM TIME TO TIME IT MAY DEEM NECESSARY.

LENNEN, CHMN.; WRIGHT, COM.; HENLEY, COM.

DATED: MAR 17 1987

(b) (6), (b) (7)(C)

EXECUTIVE DIRECTOR

KANSAS HORIZON OIL, INC.

R. R. 1, BOX 86 489-6221  
WINDOM, KS 67491

APR 10 1987

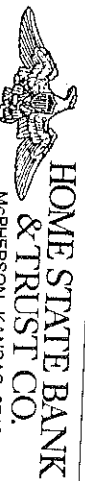
3301

PAID TO THE  
ORDER OF

\$ 50.00

83-159  
1011

DOLLARS



McPHERSON, KANSAS 67460

⑈00003301⑈ ⑈101101594⑈ ⑈11677⑈

THIS CHECK IS DELIVERED FOR PAYMENT ON THE ACCOUNTS SHOWN ABOVE

( ) Other

Current Operator: license # 6522 Contact Person: Name Joe Swanson  
Phone 316-489-6221

Name Kansas Horizon Oil, Inc.  
8. Rt. #1, Box 86  
Address Windom, KS 67491

It is requested that the caption \_\_\_\_\_/paragraph # 7 \_\_\_\_\_ of the  
original order be amended as follow:

A ( ) Change authorized injection pressure to: \_\_\_\_\_ psi min. to \_\_\_\_\_ psi  
maximum from current allowable of \_\_\_\_\_ psi to \_\_\_\_\_ psi maximum.

B ( ) Change authorized injection quantity to: \_\_\_\_\_ bbl/d to \_\_\_\_\_ bbl/d  
maximum from current allowable of \_\_\_\_\_ bbl/d to \_\_\_\_\_ bbl/d maximum (or  
MCF/d).

C ( ) Add or ( ) delete the following leases for supplying salt water for  
injection: \_\_\_\_\_ Lease Name \_\_\_\_\_ Lease Description \_\_\_\_\_ Well # \_\_\_\_\_

see attached sheet

D ( ) Change the order by: ( ) adding additional repressuring wells, ( ) change  
formation or \_\_\_\_\_

DOCKET NO. D-23,336 (X)W  
W/2 SE/4 SEC 24, T 20S, R 6 ( )E

2024年 2月 20日  
 2024年 2月 20日

1980 Feet from East section line

Lease Matlock \_\_\_\_\_ Well # 2

50 13 0627  
3301

Rice County

Originally granted to: ~~Kansas Horizon Oil, Inc.~~

Name Kansas Horizon Oil, Inc. Phone ~~316-489-6221~~  
& Rt. #1, Box 86  
Address Windom, KS 67491

NOTARY PUBLIC - State of Kansas  
SUSAN L. SWANSON  
My Appl. Exp. \_\_\_\_\_

STAFF: 2000 P. LION COMMISSIONER

My commission expires

APR 10 1987

CONSERVATION DIVISION  
Wichita, Kansas

5/86 Form U8

C. (x) Add the following leases for supplying salt water for injection:

Company	Lease Name	Lease Description	Well #
Sterling Drilling	(b) (6), (b) (7)(C)	SW/4 13-20-6W, Rice Co	1
Sterling Drilling		E/2NW/4 & W/2NE/4 24-20-6 RC Co	3
Sterling Drilling		S/2SW/4 15-20-6, RC Co.	2
Sterling Drilling		W/2NW/4 24-20-6, RC Co.	1
Sterling Drilling		SW/4 24 & NW/4 25-20-6, RC Co	2
Sterling Drilling		SE/4 25-20-6, RC Co.	1
Kansas Horizon Oil		SE/4 12-20-6, RC Co	1
Kansas Horizon Oil		NE/4 SE/4 12-20-6, RC Co	1
Kansas Horizon Oil		NE/4 18-20-5, MP Co.	1
Kansas Horiozon Oil		N/2SW/4 12-20-6, RC Co.	1
Kansas Horizon Oil		NE/4 25-20-6, RC Co.	1
Champion Petroleum		S/2SW/4 12-20-6 RC Co.	1
No. Am Drilling		5-19-6 RC Co.	3
No. Am. Drilling		8-19-6 RC Co.	2
Perry Petroleum		34-20-6, RC Co.	1
Kansas Horizon Oil		S/2NE/4 13-20-6, RC Co.	1

A copy of the application has been mailed to the landowner, to all operators of lease and to all unleased mineral interest owners withing  $\frac{1}{2}$  mile radius of this input well.

Name

(b) (6), (b) (7)(C)

Mailing Address

(b) (6), (b) (7)(C)

Culver Oil & Grounds

1423 Ranch Rd.  
McPherson, KS 67460

Voight Oil & Gas

Rt. #3, Box 33-B  
McPherson, KS 67460

(b) (6), (b) (7)  
(C)

(b) (6), (b) (7)(C)

Sterling Drilling

Sterling, KS 67579

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

STATE REFORMATION COMMISSION

APR 10 1987

CONSERVATION DIVISION  
Wichita, Kansas



**AMENDMENT**

Docket Number D-23,336 Enhanced Recovery \_\_\_\_\_ Disposal ☒

Operator Kansas Horizon Oil, Inc.

Well Number 2 Lease Matlock License Number 6522

SE Quarter 24 Section 28 Township 6 Range West

Welch-Bornholdt Field Rice County \_\_\_\_\_

Amending paragraph(s) 7

of the Order dated August 30, 1984  
(original order)

to add 5 leases supplying salt water to paragraph 7

(List all amendments to order here.)

(Add or delete leases, wells, formations.....state number.)  
(Increase/decrease injection quantity/pressure.....state amount.)

Application for amendment filed on April 10, 1987

**ADD OR DELETE LEASES:**

OWNER	LEASE NAME	LEASE DESCRIPTION
Champion Petroleum Murray	S/2SW/4 12-20-6 RC Co.	1
No. Am Drilling Wires	5-19-6 RC Co.	3
No. Am. Drilling Lighthill	8-19-6 RC Co.	2
Perry Petroleum Parker	34-20-6, RC Co.	1
Kansas Horizon Oil Clara Louise #1	S/2NE/4 13-20-6, RC Co.	1

1. Well No. \_\_\_\_\_, located \_\_\_\_\_ feet from the South line and \_\_\_\_\_ feet from the East line in Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_, County, Kansas, with the following casing information:

**Casing**

	Conductor	Surface	Production	2nd Stage Cementing
Size	_____	_____	_____	_____
Setting Depth	_____	_____	_____	_____
Cement Sacks	_____	_____	_____	_____
Tubing Type & Grade	_____ Packer Type & Depth _____			

2. Well No. \_\_\_\_\_, located \_\_\_\_\_ feet from the South line and \_\_\_\_\_ feet from the East line in Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_, County, Kansas, with the following casing information:

	Conductor	Surface	Production	2nd Stage Cementing
Size	_____	_____	_____	_____
Setting Depth	_____	_____	_____	_____
Cement Sacks	_____	_____	_____	_____
Tubing Type & Grade	_____ Packer Type & Depth _____			

APPROVED BY:

(b) (6), (b) (7)(C)

DATE

5/5/87

APPROVAL RECOMMENDED:

(b) (6), (b) (7)(C)

DATE

5/11/87

UTS DIRECTOR

100% covers

W/2 SE/4 24-20-6W



AMENDMENT

Docket Number D-23,336 Enhanced Recovery \_\_\_\_\_ Disposal ☒  
Operator Kansas Horizon Oil, Inc.  
Well Number 2 Lease Matlock License Number 6522  
SE Quarter 24 Section 26 Township 6 Range West  
Welch-Bornholdt Field Rice County \_\_\_\_\_  
Amending paragraph(s) 7  
of the Order dated August 30, 1984  
(original order)  
to add 5 leases supplying salt water to paragraph 7

(List all amendments to order here.)

(Add or delete leases, wells, formations.....state number.)  
(Increase/decrease injection quantity/pressure.....state amount.)

Application for amendment filed on \_\_\_\_\_

ADD OR DELETE LEASES:

OWNER	LEASE NAME	LEASE DESCRIPTION
Champion Petroleum Murray	S/2SW/4 12-20-6 RC Co.	1
No. Am Drilling Wires	5-19-6 RC Co.	3
No. Am. Drilling Lighthill	8-19-6 RC Co.	2
Perry Petroleum Parker	34-20-6, RC Co.	1
Kansas Horizon Oil Clara Louise #1	S/2NE/4 13-20-6, RC Co.	1

1. Well No. \_\_\_\_\_, located \_\_\_\_\_ feet from the South line and \_\_\_\_\_ feet from the East line in Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_, County, Kansas, with the following casing information:

Casing

	Conductor	Surface	Production	2nd Stage Cementing
Size	_____	_____	_____	_____
Setting Depth	_____	_____	_____	_____
Cement Sacks	_____	_____	_____	_____
Tubing Type & Grade	_____	_____	_____	_____
	Packer Type & Depth _____			

2. Well No. \_\_\_\_\_, located \_\_\_\_\_ feet from the South line and \_\_\_\_\_ feet from the East line in Section \_\_\_\_\_, Township \_\_\_\_\_ South, Range \_\_\_\_\_, County, Kansas, with the following casing information:

	Conductor	Surface	Production	2nd Stage Cementing
Size	_____	_____	_____	_____
Setting Depth	_____	_____	_____	_____
Cement Sacks	_____	_____	_____	_____
Tubing Type & Grade	_____	_____	_____	_____
	Packer Type & Depth _____			

APPROVED BY:

(b) (6), (b) (7)(C)

DATE

5/5/87

APPROVAL RECOMMENDED:

(b) (6), (b) (7)(C)

DATE

5/11/87

UIC Director

1 PAGE COPIES

W/2 SE/4 24-20-6W



Mike Hayden Governor  
Geith R. Menley Chairman  
Nich Kowalewski Commissioner  
Margalee Wright Commissioner  
Judith A. McConnell Executive Director

## State Corporation Commission

### CONSERVATION DIVISION

(Oil, Gas and Water)  
200 Colorado Derby Building  
202 West 1st Street  
WICHITA, KANSAS 67202-1286

June 30, 1987

Kansas Horizon Oil, Inc.  
RT. #1  
Box 86  
Windom, KS 67491

Re: Matlock Lease  
Well #2  
W/2 Se/4 Sec. 24-20-6W  
Bornholdt Field  
Rice County  
Docket #D-23,336

Gentlemen:

Enclosed is an attested copy of an amendment to the order for the above  
Docket Number.

Sincerely,

(b) (6), (b) (7)(C)

UIC DIVISION  
STATE CORPORATION COMMISSION

Enclosure:

cc: Kansas Horizon Oil Inc, D.O. #2, UIC, File Copy

BEFORE THE STATE CORPORATION COMMISSION  
OF THE STATE OF KANSAS

BEFORE COMMISSIONERS: KEITH R. HENLEY, CHAIRMAN  
RICH KOWALEWSKI  
MARGALEE WRIGHT

IN THE MATTER OF THE APPLICATION OF )	DOCKET NO. D-23,336
KANSAS HORIZON OIL, INC. FOR AN ORDER )	
AMENDING PARAGRAPH 7 OF THE COMMISSION'S )	CONSERVATION DIVISION
ORDER DATED AUGUST 30, 1984, TO ALLOW THE )	
DISPOSAL OF SALT WATER, INTO WELL NO. 2, )	LICENSE NO. 6522
WHICH IS ON THE MATLOCK LEASE, COVERING )	
THE W/2 SE/4 OF SECTION 24, TOWNSHIP 20 )	
SOUTH, RANGE 06 WEST IN THE WELCH - )	
BORNHOLDT FIELD IN RICE COUNTY, KANSAS, )	
TO ADD FIVE (5) LEASES TO THE ORIGINAL )	
ORDER AS DESCRIBED IN PARAGRAPH (1); )	

ORDER

THE ABOVE-ENTITLED MATTER COMES BEFORE THE COMMISSION FOR FURTHER CONSIDERATION AND DISPOSITION. THE COMMISSION, HAVING TAKEN THE MATTER UNDER ADVISEMENT FINDS:

1. AN APPLICATION WAS FILED ON THE 10TH DAY OF APRIL, 1987, TO AMEND PARAGRAPH 7 OF THE ORDER DATED AUGUST 30, 1984 IN DOCKET NO. D-23,336, TO ADD THE FOLLOWING FIVE (5) LEASES FOR SUPPLY OF SALT WATER:

<u>OWNER</u>	<u>LEASE NAME</u>	<u>LEASE DESCRIPTION</u>
CHAMPION PETROLEUM	MURRY	S/2 SW/4 SEC. 12-20S-06W RICE COUNTY
No. AM. DRILLING	WIRES	SEC. 05-19S-06W RICE COUNTY
No. AM. DRILLING	LIGHTHILL	SEC. 08-19S-06W RICE COUNTY
PERRY PETROLEUM	PARKER	SEC. 34-20S-06W RICE COUNTY
KANSAS HORIZON OIL	CLARA LOUISE #1	S/2 NE/4 SEC. 13-20S-06W RICE COUNTY

2. PROPER NOTICE HAS BEEN FURNISHED ALL PARTIES HAVING ANY INTEREST HEREIN. NO PROTESTS HAVE BEEN FILED AND APPROVAL HAS BEEN RECOMMENDED BY THE CONSERVATION DIVISION.

3. APPLICANT'S LEASE IS LOCATED AND DESCRIBED AS FOLLOWS:

W/2 SE/4 OF SECTION 24, TOWNSHIP 20 SOUTH, RANGE 06 WEST IN THE WELCH-BORNHOLDT FIELD, RICE COUNTY, KANSAS;

4. THE APPLICATION SHOULD BE GRANTED IN ACCORDANCE WITH THE ABOVE FINDINGS.

IT IS, THEREFORE, BY THE COMMISSION ORDERED: THAT KANSAS HORIZON OIL, INC., BE, AND IS HEREBY GRANTED AN AMENDMENT TO PARAGRAPH 7 OF THE ORDER DATED AUGUST 30, 1984 IN DOCKET NO. D-23,336 AND THAT SAID APPLICANT BE PERMITTED TO ADD FIVE (5) LEASES AS DESCRIBED IN PARAGRAPH 1.

IT IS FURTHER BY THE COMMISSION ORDERED: THAT THE DISPOSAL OF SALT WATER AUTHORITY GRANTED BY THIS ORDER SHALL NOT BE ASSIGNED, SOLD OR TRANSFERRED WITHOUT THE APPROVAL OF THIS COMMISSION.

KANSAS HORIZON OIL, INC.

D-23,336

AMENDED DISPOSAL OF SALT WATER

THE COMMISSION RETAINS JURISDICTION OF THE SUBJECT MATTER AND THE PARTIES FOR THE PURPOSE OF ISSUING SUCH FURTHER ORDER OR ORDERS AS FROM TIME TO TIME IT MAY DEEM NECESSARY.

BY THE COMMISSION IT IS SO ORDERED.

HENLEY, CHMN.; KOWALEWSKI, COM.; WRIGHT, COM.

DATED: JUN 24 1987

(b) (6), (b) (7)(C)

EXECUTIVE DIRECTOR

## CASING MECHANICAL INTEGRITY TEST

DOCKET # D-23336Disposal ☒ Enhanced Recovery:Repressuring ☐  
Flood ☐  
Tertiary ☐Date injection started 1989API #15 - 159 - 21,824NW SE, Sec 24, T 20 S, R 6 E/W1805 Feet from South Section Line1980 Feet from East Section LineLease Rockville SW Partnership Well # matlock #2County RiceOperator: (b) (6), (b) (7)(C)

Name &amp;

Address Rt 1 Box 86Operator License # 6522Contact Person (b) (6), (b) (7)(C)Phone (b) (6), (b) (7)(C)Max. Auth. Injection Press. 6 psi; Max. Inj. Rate 1500 bbl/d;

If Dual Completion - Injection above production \_\_\_\_\_ Injection below production \_\_\_\_\_

	Conductor	Surface	Production	Liner	Tubing
Size		<u>8 5/8 200</u>	<u>5 1/2 875</u>		Size <u>3 1/2</u>
Set at		<u>250</u>	<u>3768</u>		Set at <u>3710</u>
Cement Top		<u>0</u>	<u>710 1500</u>		Type <u>ENG fiberglass</u>
" Bottom		<u>250</u>	<u>3768-2820</u>		
DV/Perf. <u>1500</u>	<u>Arbuckle</u>	TD (and plug back)			ft. depth
Packer type	<u>OTIS Perm Master</u>	Size <u>5 1/2</u>	Set at <u>3700</u>		
Zone of injection	<u>3710</u>	ft. to ft. <u>4034</u>	Perf. or open hole <u>Open Hole</u>		

Type Mit: Pressure ☒ Radioactive Tracer Survey ☐ Temperature Survey ☐F Time: Start 10:00 Min. 10:15 Min. 10:30 Min.

I

E Pressures: 100 95 90 Set up 1 System Pres. during test 0

L

D Set up 2 Annular Pres. during test 100

D

A Set up 3 Fluid loss during test 0 bbls

A

T Tested: Casing ☐ or Casing - Tubing Annulus ☒ NOV 20 1989

A

The bottom of the tested zone is shut in with Packer CONSERVATION DIVISIONTest Date 11-8-89 Using Lackey Tank Truck Company's EquipmentThe operator hereby certifies that the zone between 3710 feet and 0 feetwas the zone tested (b) (6), (b) (7)(C)

Signature

Title

The results were Satisfactory ☒, Marginal \_\_\_\_\_, Not Satisfactory \_\_\_\_\_State Agent (b) (6), (b) (7)(C)Title PIRTWitness: Yes ☒ No ☐

REMARKS:

Leak in head around fiberglass Tubing - result in  
10 lb loss & Tightened & Made suggestion to put steel sub at☐ Origin. Conservation Div.;☐ KDHE/T;☐ Dist. Office;☐ Computer Update

KCC Form U-7 6/84

Joan Finney  
Governor

Jim Robinson  
Chairman

Keith R. Henley  
Commissioner

Rich Kowalewski  
Commissioner

Judith McConnell  
Executive Director

Brian Moline  
General Counsel



# Kansas Corporation Commission

May 28, 1991

RECEIVED  
KCC DISTRICT #2  
MAY 29 1991  
WICHITA, KS

(b) (6), (b) (7)(C)

Underground Injection Control Section  
U.S. Environmental Protection Agency  
726 Minnesota Avenue  
Kansas City, Kansas 66101

SE 24-20-6W RC  
mat lock #2  
Kansas Horizon  
#6522

RE: Injection of unauthorized  
stream of non-hazardous  
waste to Class II Well.  
(D-23336)

Dear

(b) (6), (b) (7)(C)

During a recent letter from (b) (6), (b) (7)(C) dated April 30, 1991 on the updating of several issues on the Kansas Class II 1425 program, the above subject was raised as to its resolution by the Commission staff. The illegal activity according to our information is no longer taking place and hadn't since August, 1990 when the generator of the waste, Koch Hydrocarbon advised the Kansas Department of Health and Environment that the practice had been discontinued. The illegal waste stream accepted by the Class II disposal well facility consisted of caustic solution treatment, boiler blowdown and demineralized water and was classified as non-hazardous waste by KDHE.

Due to a variety of events, including changes in administration, a vast consumption of time spent on the Allen Drilling application hearing process and pressing forward of essential UIC enforcement cases having larger potential environmental protection significance, our legal staff necessarily relegated lesser impact, procedural violations to a future lull in significant cases. The attorney in charge of UIC cases, (b) (6), (b) (7)(C) left agency employment in mid-February and (b) (6), (b) (7)(C) has assigned our newly

(b) (6), (b) (7)(C)

Chief

May 28, 1991

Page 2

employed legal staff to priority enforcement cases having current adverse environmental ramifications.

We realize EPA continues to view this case with elevated concern and as an unresolved UIC enforcement issue. Shari indicated she would send the operator of the disposal well legal directive recounting their transgression and outlining all the bad things which might occur if they ever again accept unauthorized waste, however benign. We view this as a "cold trail" issue where the period of timely penalty assessment has passed and all parties are in compliance. Such a letter to the Class II disposal operator appears to be the most appropriate final resolution of the problem.

We hope this action will meet with EPA's approval and you will also consider this matter as a historical event which will not recur. If you have any questions or desire to discuss our proposed resolution further, please feel free to contact (b) (6), (b) (7)(C) or me (b) (6), (b) (7)(C)

Very sincerely yours,

(b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Director

Conservation Division

cc:

(b) (6), (b) (7)(C)

(b)  
(6),

- District #2

KDHE

To: State Corporation Commission  
Conservation Division - UIC Section  
200 Colorado Derby Building  
202 West 1st Street  
Wichita, KS 67202-1286

Docket # (S) (D) - 23336

Reporting Period:  
Jan. 1, 1990 to Dec. 31, 1991

Lease Name MATHOCK #2  
Well Number #2

ANNUAL REPORT OF PRESSURE MONITORING,  
FLUID INJECTION AND ENHANCED RECOVERY

Operator License Number 6522

OPERATOR: KANSAS HORIZON OIL

Name & Rt. 1

Address Windom, Ks 67491

Contact Person (b) (6), (b) (7)(C)

Telephone Number (b) (6), (b) (7)(C)

1805 feet from South section line  
1980 feet from East section line  
Sec. 24, T 20 S, R 6 E/W

Legal Description of Lease or Unit:  
NW 1/4 of SE 1/4

Field Name: (b) (6), (b) (7)(C)  
County: Rice

If new operator, list previous operator

Was this well/project reported last year? Yes ☒ No ☐

If no, give date of first injection

I. INJECTION FLUID:

TYPE: ☐ Fresh Water; ☐ Treated Brine; ☒ Untreated Brine; ☐ Water/Brine  
SOURCE: ☒ Produced Water; ☐ Other (list)  
QUALITY: Total Dissolved Solids 120,000 mg/l; Additives: \_\_\_\_\_  
(Attach water analysis, if available)

II. WELL DATA:

TYPE COMPLETION: ☒ Tubing & Packer, packer setting depth 3700 feet;  
☐ Packerless (tubing, but no packer); ☐ Tubingless  
MAXIMUM AUTHORIZED INJECTION PRESSURE: 0 G psi  
MAXIMUM AUTHORIZED INJECTION RATE: 6000 barrels per day  
For Enhanced Recovery Projects Only:  
TOTAL NUMBER OF INJECTION WELLS COVERED BY THIS PERMIT \_\_\_\_\_ (Include TA's)

III.	TOTAL FLUID INJECTED IN MONTH (BBL)	# DAYS OF INJECTION	MAXIMUM INJECTION PRESSURE	AVERAGE INJECTION PRESSURE	AVERAGE PRESSURE TUBING/CASING ANNULUS
JAN	<u>74400</u>	<u>31</u>	<u>0</u>	<u>0</u>	<u>0</u>
FEB	<u>67200</u>	<u>28</u>	<u>0</u>	<u>0</u>	<u>0</u>
MAR	<u>74400</u>	<u>31</u>	<u>0</u>	<u>0</u>	<u>0</u>
APR	<u>72000</u>	<u>30</u>	<u>0</u>	<u>0</u>	<u>0</u>
MAY	<u>74400</u>	<u>31</u>	<u>0</u>	<u>0</u>	<u>0</u>
JUN	<u>72000</u>	<u>30</u>	<u>0</u>	<u>0</u>	<u>0</u>
JUL	<u>74400</u>	<u>31</u>	<u>0</u>	<u>0</u>	<u>0</u>
AUG	<u>74400</u>	<u>31</u>	<u>0</u>	<u>0</u>	<u>0</u>
SEP	<u>72000</u>	<u>30</u>	<u>0</u>	<u>0</u>	<u>0</u>
OCT	<u>74400</u>	<u>31</u>	<u>0</u>	<u>0</u>	<u>0</u>
NOV	<u>72000</u>	<u>30</u>	<u>0</u>	<u>0</u>	<u>0</u>
DEC	<u>74400</u>	<u>31</u>	<u>0</u>	<u>0</u>	<u>0</u>

TOTAL 876000

FORM U3C/12-88



TO:  
State Corporation Commission  
Conservation Division -- UIC Section  
200 Colorado Derby Building  
Wichita, Kansas 67202-1286

DOCKET # D23,336  
SE 1/4, Sec. 24, Twp. 20 Rge. 6 ~~EXW~~

NOTICE TO MODIFY INJECTION ORDER

- ☒ Salt Water Disposal  
☐ Repressuring  
☐ Other Enhanced Recovery

1805 Feet from the South section line  
1980 Feet from the East section line  
Lease Matlock Well # 2  
Rice County, Kansas  
Originally granted to: Kansas Horizon Oil, Inc

(All information above this line taken from the original order.)

CURRENT OPERATOR: License # 6522 Contact Person:  
Name: Kansas Horizon Oil, Inc Name: (b) (6), (b) (7)(C)  
Address: Rt. 1, Windom, KS 67491 Phone: (b) (6), (b) (7)(C)

It is requested that the (caption) (paragraph # 7) of the original order be amended as follows:

- ☐ A. Decrease the authorized injection pressure to: \_\_\_\_\_ psi minimum to \_\_\_\_\_ psi maximum from the current permitted pressure of \_\_\_\_\_ psi to \_\_\_\_\_ psi.
- ☐ B. Decrease the authorized injection rate to: \_\_\_\_\_ bbl/day to \_\_\_\_\_ bbl/day maximum from the current permitted rate of \_\_\_\_\_ bbl/day to \_\_\_\_\_ bbl/day.
- ☒ C. Add ( x ) or delete ( ) the following leases for supplying salt water for injection:

<u>COMPANY</u>	<u>LEASE NAME</u>	<u>LEASE DESCRIPTION</u>
Kansas Horizon Oil, Inc Mid Kansas Exploration Kansas Horizon Oil, Inc Fell Oil & Gas Harry Gray Operations	<u>(b) (6), (b) (7)(C)</u>	SE/4 Sec 2-20-6W NW/4 Sec 1-20-6W NW/4 Sec 13-20-6W N/2NE/4 Sec 13-20-6W NW/4 SE/4 SE/4 12-20-6W

RECEIVED  
STATE CORPORATION COMMISSION

MAR 13 1992

Joan Finney  
Governor

Jim Robinson  
Chairman

F. S. Jack Alexander  
Commissioner

Rachel C. Lipman  
Commissioner

Judith McConnell  
Executive Director

Brian Moline  
General Counsel



# Kansas Corporation Commission

## MEMORANDUM

**TO:** District #2

**FROM:** (b) (6), (b) (7)(C)

**DATE:** February 1, 1993

**RE:** Kansas Horizon Oil, Inc., Docket No. 180,271-C (C-26,456), Past due penalty.

Kansas Horizon Oil, Inc. was sent a letter on January 19, 1993, giving them 20 days to pay the past due penalty of \$1000 on this Docket.

To date, this fine has not been paid, so I am requesting that all of their wells be shut-in, and no future operating allowed, effective immediately, until further notice.

cc: (b) (6), (b) (7)(C)

*Paid 2-25-93*

*~~2-21-93~~*  
*~~unpaid~~*

*~~4-23-92~~*  
*fine date*

*~~8-2-8~~*  
*107A*

Conservation Division  
William R. Bryson  
Director

200 Colorado Derby Bldg.  
202 W. 1st Street  
Wichita, Kansas 67202-1286  
Telephone (316) 263-3238

TRANSFER OF INJECTION AUTHORIZATION  
OR TRANSFER OF SURFACE POND PERMIT

CONSERVATION DIVISION  
130 S MARKET, ROOM 2078  
WICHITA, KANSAS 67202

Check Applicable Boxes:

[ ] Oil Lease: No. of Wells \_\_\_\_\_ \*\*

[ ] Gas Lease: No. of Wells \_\_\_\_\_ \*\*

\*\* SIDE TWO MUST BE COMPLETED \*\*

[ ] Saltwater Disposal Well - Docket No. D23,336

Spot Location: 1805 feet from N/S Line

1920 feet from E/W Line

[ ] Enhanced Recovery Proj. Docket No. \_\_\_\_\_

Entire project: Yes/No

Number of injection wells \_\_\_\_\_ \*\*

Field Name Welch Bernhard

Surface Pond Permit # P04202  
(API No. If Drill Pit)

Identify: Emergency Pit ☒

Burn Pit ☐

Storage Pit ☐

Drill Pit ☐

CONSERVATION DIVISION  
130 S MARKET, ROOM 2078  
WICHITA, KANSAS 67202

Effective Date of Transfer 11/01/95

Lease Name MATLOCK #2

-SE1/4 Sec 24 T 20R 10 W 12

Legal Description of Lease: \_\_\_\_\_

N1/4 of SE1/4 Sec. 13-205-6W

County Butte

Production Zone(s) N/A

Injection Zone(s) Arbuckle

1584 Feet from N/S Line of Section

212 Feet from E/W Line of Section

Past Operator's License No. 16522

Contact Person: (b) (6), (b) (7)(C)

Past Operator's Name and Address:

Phone: (b) (6), (b) (7)(C)

KANSAS HORIZON OIL

Date 11/01/95

Rt. 1

Windom, KS 67491

Title President

Signature (b) (6), (b) (7)(C)

New Operator's License No. 31534 ✓

Contact Person (b) (6), (b) (7)(C)

New Operator's Name and Address

Phone (b) (6), (b) (7)(C)

(b) (6), (b) (7)(C)

Rt. 1 Box 86

Windom, KS 67491

Title Partner

Signature (b) (6), (b) (7)(C)

ACKNOWLEDGEMENT OF TRANSFER: The above request for transfer of injection authorization, surface pond permit # P04202 has been noted, approved and duly recorded in the records of the Kansas Corporation Commission. This acknowledgement of transfer pertains to Kansas Corporation Commission records only and does not convey any ownership interest in the above injection well(s) or pond permit.

(b) (6), (b) (7)(C) is acknowledged as the new operator and may continue to inject fluids as authorized by Docket # D-23,336. Recommended action

Date 10-18-95

Authorized Signature

(b) (6), (b) (7)(C) is acknowledged as the new operator of the above named lease containing the surface pond permitted by # P04202

Date 10/5/95

Authorized Signature

Form T1 7/94

RECEIVED  
KANSAS CORPORATION COMMISSION

CASING MECHANICAL INTEGRITY TEST

DOCKET # D-23,336

Disposal ☒ Enhanced Recovery:

Repressuring ☐  
Flood ☐  
Tertiary ☐

Date injection started \_\_\_\_\_  
API #15 - \_\_\_\_\_

W 02 1995  
W 02 1995 Sec 24, T 20 S, R 6 W

1805 Feet from South Section Line  
1980 Feet from East Section Line

Lease Matlock Well # 2  
County Rice

Operator: (b) (6), (b) (7)(C)

Operator License # 31534

Name & Address Route 1 Box 78  
Windom, KS 67491

Contact Person (b) (6), (b) (7)(C)  
Phone (b) (6), (b) (7)(C)

Max. Auth. Injection Press. 0 psi; Max. Inj. Rate 6000 bbl/d;  
If Dual Completion - Injection above production \_\_\_\_\_ Injection below production \_\_\_\_\_

	Conductor	Surface	Production	Liner		Tubing
Size		<u>8 5/8"</u>	<u>5 1/2"</u>		Size	<u>3 1/2"</u>
Set at		<u>258'</u>	<u>3768'</u>		Set at	<u>3702'</u>
Cement Top		<u>0'-200 M</u>	<u>2820-200 M</u>		Type	<u>fiberglass</u>
" Bottom		<u>258'</u>	<u>3768'</u>			
DV/Perf.					TD (and plug back)	<u>4034</u> ft. depth
Packer type	<u>Otis Perm Treise</u>				Size	<u>5 1/8" x 3 1/2"</u> Set at <u>3702'</u>
Zone of injection	<u>Arbuckle</u>	ft. to ft.	<u>3768-4034</u>	Perf. or open hole	<u>Open hole</u>	

Type Mit: Pressure ☒ Radioactive Tracer Survey ☐ Temperature Survey ☐

Time: Start 0 Min. 15 Min. 30 Min.

Pressures: 155 155 155 Set up 1 | System Pres. during test 27" VAC  
Set up 2 | Annular Pres. during test 155  
Set up 3 | Fluid loss during test 0 bbls.

Tested: Casing ☐ or Casing - Tubing Annulus ☒

The bottom of the tested zone is shut in with Otis Perm Treise packer

Test Date 5-11-95 Using Nelson Tank Service Company's Equipment

The operator hereby certifies that the zone between 0 feet and 3702 feet

was the zone tested X (b) (6), (b) (7)(C) Signature X Owner Title

The results were Satisfactory ☒ Marginal \_\_\_\_\_, Not Satisfactory \_\_\_\_\_

State Agent (b) (6), (b) (7)(C) Title PIRT II Witness: Yes ☒ No \_\_\_\_\_

REMARKS: Annulus filled with treated water, cement squeezed from 710' to 1520' on backside of 5 1/2" - 200 M

☐ Origin. Conservation Div.; ☐ KDHE/T; ☐ Dist. Office;  
☐ Computer Update



## Kansas Corporation Commission

Bill Graves, Governor   Susan M. Seltsam, Chair   F.S. Jack Alexander, Commissioner   Rachel C. Lipman, Commissioner  
Judith McConnell, Executive Director   Brian Moline, General Counsel

June 2, 1995

(b) (6), (b) (7)(C)

RE:     D-23,336  
         Matlock #2  
         SE/4, 24-20S-06W  
         Rice, County

We are needing to update our files to show that you are the present operator of the above-reference well. The last operator of record is Kansas Horizon Oil, Inc. Enclosed is a Request For Change of Operator (T-1) form. Please fill it out and return it to me as soon as possible. If you are unable to obtain the signature of the past operator, send a copy of your Operating Agreement or Assignment and Bill of Sale along with the T-1 form completed with your information.

Please send a copy of this letter with your response. Thank you for your cooperation regarding this matter.

Sincerely,

(b) (6), (b) (7)(C)

UIC

Enclosure

cc:   Dist. #2  
         UIC  
         File



## Kansas Corporation Commission

Bill Graves, Governor   Susan M. Seitsam, Chair   F.S. Jack Alexander, Commissioner   Timothy E. McKee, Commissioner  
Judith McConnell, Executive Director

August 15, 1995

(b) (6), (b) (7)(C)

RE:     D-23,336  
         Matlock #2  
         SE/4, 24-20S-06W  
         Rice, County

### SECOND NOTICE

On June 2, 1995, our office sent a letter to your company requesting a Change of Operator (KCC form T-1) form be filled out and submitted to this office for the above-referenced well. We have not received your response. Be advised that the authority to operate an injection or disposal well shall not be transferred from one operator to another without the approval of the commission. The commission shall be notified in writing (KCC form T-1) of the intent to transfer the ownership of an injection or disposal well from one operator to another. Please complete the enclosed KCC form T-1 and submit it to our office. If you are unable to obtain the signature of the past operator, send a copy of your Lease Assignment or Bill of Sale along with the T-1 form completed with your information.

Please send a copy of this letter with your response within thirty (30) days of the date on this letter. Thank you for your cooperation regarding this matter.

Sincerely,

RECEIVED  
STATE CORPORATION COMMISSION

(b) (6), (b) (7)(C)

SEP 18 1995

(b) (6),

CONSERVATION DIVISION  
Wichita, Kansas

UIC

Enclosure

cc: Dist. #2  
      UIC  
      File

REQUEST FOR CHANGE OF OPERATOR  
TRANSFER OF INJECTION AUTHORIZATION  
OR TRANSFER OF SURFACE POND PERMIT

KANSAS CORPORATION COMMISSION  
CONSERVATION DIVISION  
130 S MARKET, ROOM 2078  
WICHITA, KANSAS 67202

Check Applicable Boxes:

[ ] Oil Lease: No. of Wells \_\_\_\_\_ \*\*

[ ] Gas Lease: No. of Wells \_\_\_\_\_ \*\*

\*\* SIDE TWO MUST BE COMPLETED \*\*

[X] Saltwater Disposal Well - Docket No. D-23-336

Spot Location: 1830 feet from N/S Line

1980 feet from E/W Line

[ ] Enhanced Recovery Proj. Docket No. \_\_\_\_\_

Entire project: Yes/No

Number of injection wells \_\_\_\_\_ \*\*

Effective Date of Transfer 4/01/97

Lease Name MATLOCK

- W/2 - SE/4 Sec 24 T 20 R 6 W/E

Legal Description of Lease: \_\_\_\_\_

SE/4 Sec 24-20S-6W

County RICE

Production Zone(s) \_\_\_\_\_

Field Name (b) (6), (b) (7)(C)

Injection Zone(s) ARBUCKLE

Surface Pond Permit # \_\_\_\_\_  
(API No. If Drill Pit)

Feet from N/S Line of Section

Feet from E/W Line of Section

Identify: Emergency Pit ☐

Burn Pit ☐

Storage Pit ☐

Drill Pit ☐

Past Operator's License No. 31534 ✓

Contact Person: (b) (6), (b) (7)(C)

Past Operator's Name and Address:

Phone: (b) (6), (b) (7)(C)

Date 4/01/97

Title \_\_\_\_\_

Signature (b) (6), (b) (7)(C)

New Operator's License No. 30979 ✓

Contact Person (b) (6), (b) (7)(C)

Phone (b) (6), (b) (7)(C)

New Operator's Name and Address

Oil/Gas Purchaser NA

Date 4/01/97

Title \_\_\_\_\_

Signature \_\_\_\_\_

\*\*\*\*\*  
**ACKNOWLEDGEMENT OF TRANSFER:** The above request for transfer of injection authorization, surface pond permit # \_\_\_\_\_ has been noted, approved and duly recorded in the records of the Kansas Corporation Commission. This acknowledgement of transfer pertains to Kansas Corporation Commission records only and does not convey any ownership interest in the above injection well(s) or pond permit.

R.J. OPERATING is acknowledged as the new operator and may continue to inject fluids as authorized by Docket # D-23-336. Recommended action \_\_\_\_\_

\_\_\_\_\_ is acknowledged as the new operator of the above named lease containing the surface pond permitted by # \_\_\_\_\_

Date 12-4-97

(b) (6), (b) (7)(C)

Authorized Signature

Date \_\_\_\_\_

Authorized Signature



STATE OF KANSAS  
KANSAS CORPORATION COMMISSION  
CONSERVATION DIVISION  
130 South Market - Room 2078  
Wichita, Kansas 67202

Docket # (E) (D) D 23, 336  
Reporting Period:  
Jan. 1, 1998 to Dec. 31, 1998

Lease Name Mattlock  
Well Number 2

ANNUAL REPORT OF PRESSURE MONITORING,  
FLUID INJECTION AND ENHANCED RECOVERY

Operator License Number 30979

OPERATOR: R. J. Operating Co  
Name & 1044. 24 AVE.  
Address Galea, Ks. 67

Contact Person (b) (6), (b) (7)(C)  
Telephone Number [REDACTED]

1250 feet from South section line  
2000 feet from East section line  
Sec. 24, T 20 S, R 6 E 6

Legal Description of Lease or Unit:

24/20/16 R. J. Co

Field Name: Bearholt  
County: Red

If new operator, list previous operator Kansas Horizon  
Was this well/project reported last year? Yes ☒ No ☐  
If no, give date of first injection \_\_\_\_\_

I. INJECTION FLUID:

TYPE: ☐ Fresh Water; ☐ Treated Brine; ☒ Untreated Brine; ☐ Water/Brine  
SOURCE: ☒ Produced Water; ☐ Other (list) \_\_\_\_\_  
QUALITY: Total Dissolved Solids 1000 mg/l; Additives: None  
(Attach water analysis, if available)

II. WELL DATA:

TYPE COMPLETION: ☒ Tubing & Packer, packer setting depth 3400 feet;  
☐ Packerless (tubing, but no packer); ☐ Tubingless  
MAXIMUM AUTHORIZED INJECTION PRESSURE: Vacuum psi  
MAXIMUM AUTHORIZED INJECTION RATE: 1700 barrels per day  
For Enhanced Recovery Projects Only:  
TOTAL NUMBER OF INJECTION WELLS COVERED BY THIS PERMIT 16 (Include TA's)

III. MONTH	TOTAL FLUID INJECTED IN MONTH (BBL)	# DAYS OF INJECTION	MAXIMUM INJECTION PRESSURE	AVERAGE INJECTION PRESSURE	AVERAGE PRESSURE TUBING/CASING ANNULUS
JAN	<u>50685</u>	<u>31</u>	<u>Vacuum</u>	<u>Vacuum</u>	<u>200 lbs annulus</u>
FEB	<u>45780</u>	<u>28</u>	<u>30 inches</u>		
MAR	<u>50685</u>	<u>31</u>			
APR	<u>49050</u>	<u>30</u>			
MAY	<u>50685</u>	<u>31</u>			
JUN	<u>49050</u>	<u>30</u>			
JUL	<u>50685</u>	<u>31</u>			
AUG	<u>50685</u>	<u>31</u>			
SEP	<u>49050</u>	<u>30</u>			
OCT	<u>50685</u>	<u>31</u>			
NOV	<u>49050</u>	<u>30</u>			
DEC	<u>50685</u>	<u>31</u>			

TOTAL 596,775



DOCKET # D-23,336

NW 54, Sec 24, T 20S, R 6<sup>W</sup>E/W

1805 Feet from South Section Line

1980 Feet from East Section Line

Lease Matlock Well # II

County Rock

Operator License # 30979

Contact Person [REDACTED]

Phone (b) (6), (b) (7)(C)

Galva, KS. 67443

Max. Auth. Injection Press. 0 psi; Max. Inj. Rate 6,000 bbl/d;

If Dual Completion - Injection above production \_\_\_\_\_ Injection below production \_\_\_\_\_

Conductor		Surface	Production	Liner	Tubing	
Size		8 7/8"	5 1/2"		Size	2 3/8"
Set at		258'	3768'		Set at	3702'
Cement Top		0	2830'		Type	Fiberglass
" Bottom		258'	3768'			
DV/Perf.			TD (and plug back)		4034	ft. depth
Packer type	66W		Size 5 1/2 x 3 1/2"		Set at	3702'
Zone of injection	3768	ft. to ft.	4034		Perf. or open hole	D.H.

Type Mit: Pressure ☒ Radioactive Tracer Survey ☐ Temperature Survey ☐

F Time: Start 10 Min. 20 Min. 30 Min.

<div style="text-align: center;"> <b>RECEIVED</b>          PRESSURE COMMISSION          KANSAS CORPORATION       </div>	<div style="text-align: center;"> <u>110<sup>+</sup></u> </div>	<div style="text-align: center;"> <u>110<sup>+</sup></u> </div>	Set up 1	System Pres. during test <u>25"</u>
			Set up 2	Annular Pres. during test <u>110<sup>+</sup></u>
<div style="text-align: center;"> <b>DEC 12 2000</b> </div>			Set up 3	Fluid loss during test <u>0 bbls.</u>

A  
T

CONSERVATION DIVISION  
Tested: ☒ Casing or Casing - Tubing Annulus ☒

The bottom of the tested zone is shut in with Packer

Test Date 11/16/00 Using R. 4 ft. op. Company's Equipment

The operator hereby certifies that the zone between Surf - feet and            feet

was the zone tested. x Answer: Yes

Signature \_\_\_\_\_ Title \_\_\_\_\_

The results were Satisfactory ☒ , Marginal ☐ , Not Satisfactory ☐

State Agent (b) (6), (b) (7)(C) Title PRIT IT Witness: Yes ☒ No ☐

REMARKS: Treated water in annulus - well spaced from 710' to 1520'

☐ Origin. Conservation Div.;
 ☐ KDHE/T;
 ☐ Dist. Office;

☐ Computer Update

KDHE/T;

Dist. Office;

KCC Form U-7 6/84

Lat = 38.29400° N

Long = -97.93188° W

DOCKET = D-233316

CASING MECHANICAL INTEGRITY TEST

S/2 NW SE, Sec 24, T 20 S, R 6 E

Disposal ☒ Enhanced Recovery:

Repressuring ☐  
Flood ☐  
Tertiary ☐

11614' Feet from South Section Line  
2070' Feet from East Section Line

Date injection started  
API #15 - 159 - 21824 - 00-00

Lease Matlock Well # 2  
County Rice

Operator: (b) (6), (b) (7)(C)  
Name &  
Address

Operator License # 30979

Contact Person (b) (6), (b) (7)(C)

Wadwa, KS 67443

Phone (b) (6), (b) (7)(C)

Max. Auth. Injection Press. 0 psi; Max. Inj. Rate 6000 bbl/d;

If Dual Completion - Injection above production Injection below production

	Conductor	Surface	Production	Liner	Tubing
Size		8 5/8"	5 1/2"		3 1/2"
Set at		258'	3768'		3702'
Cement Top		0'	3880'		Type Fiberglass
" Bottom		258'	3768'		

DV/Perf. TD (and plug back) ft. depth

Packer type Dtcw Size Set at

Zone of injection Arbutledge ft. to ft. 3768' to 4034' Perf. or open hole Open hole

Type Mit: Pressure ☒ Radioactive Tracer Survey ☐ Temperature Survey ☐

F Time: Start 0 Min. 15 Min. 30 Min.

I 10:00  
E Pressures: 115 120 120 Set up 1 System Pres. during test Val

L Set up 2 Annular Pres. during test 115 120

D Set up 3 Fluid loss during test 0 bbls.

D A Tested: Casing ☐ or Casing - Tubing Annulus ☒

A The bottom of the tested zone is shut in with (b) (6), (b) (7)(C)

Test Date 2-24-06 Using Company Tools Company's Equipment

The operator hereby certifies that the zone between 0 feet and 3702' feet

was the zone tested X (b) (6), (b) (7)(C) X Pres Title

The results were Satisfactory X, Marginal, Not Satisfactory

State Agent (b) (6), (b) (7)(C) Title PIKT II Witness: Yes X No

REMARKS: Annulus filled w/ treated water, Pressure test w/ nitrogen

38.24344°N  
- 097.93187°W

1548 FSL  
1985 FEL

DOCKET # D-23336

CASING MECHANICAL INTEGRITY TEST

Disposal ☒ Enhanced Recovery:

Repressuring ☐  
Flood ☐  
Tertiary ☐

Date injection started \_\_\_\_\_  
API #15 - 159-21824-0000

SW NW SE Sec 24, T 20 S, R 6 E

1805 Feet from South Section Line  
1980 Feet from East Section Line

Lease Matlock Well # 2  
County RC

Operator: (b) (6), (b) (7)(C) Operator License # 30979  
Name & Address: RJ Operating (b) (6), (b) (7)(C)  
Contact Person: (b) (6), (b) (7)(C)  
None (b) (6), (b) (7)(C)

Max. Auth. Injection Press. 0 psi; Max. Inj. Rate 6000 bbl/d;  
If Dual Completion - Injection above production \_\_\_\_\_ Injection below production \_\_\_\_\_

	Conductor	Surface	Production	Liner		Tubing
Size		<u>8 5/8"</u>	<u>5 1/2"</u>		Size	<u>3 1/2"</u>
Set at		<u>258'</u>	<u>3768'</u>		Set at	<u>3702'</u>
Cement Top		<u>0</u>	<u>2820</u>		Type	<u>fiberglass</u>
" Bottom		<u>258'</u>	<u>3768'</u>			
DV/Perf.					TD (and plug back)	ft. depth
Packer type	<u>Offis</u>				Size	Set at
Zone of injection	<u>Arbuckle</u>	ft. to ft.	<u>3768-4034</u>	perf. or	<u>open hole</u>	<u>OH</u>

Type Mit: Pressure ☒ Radioactive Tracer Survey ☐ Temperature Survey ☐

F Time: Start 0 Min. 15 Min. 30 Min.  
I  
E Pressures: 148 150 150 Set up 1 System Pres. during test 24" vac  
L Set up 2 Annular Pres. during test 148-150  
D Set up 3 Fluid loss during test 0 bbls.

A Tested: Casing ☐ or Casing - Tubing Annulus ☒  
T  
A

The bottom of the tested zone is shut in with (b) (6), (b) (7)(C)

Test Date 3-29-11 Using R.J. Operating Company's Equipment

The operator hereby certifies that the zone between 0 feet and 3702 feet

was the zone tested (b) (6), (b) (7)(C) Signature owner - operator Title

The results were Satisfactory ☒, Marginal ☐, Not Satisfactory ☐

State Agent Virgil Clothier Title PIRT II Witness: Yes ☒ No ☐

REMARKS: Backside full - used nitrogen bottle to pressure up

☐ Origin. Conservation Div.; ☐ KDH/E/T; ☐ Dist. Office;  
☒ Computer Update

RECEIVED SAP  
APR 05 2011  
KCC Form U-7 6/8  
KCC WICHITA

**Alan Snider**

---

**From:** (b) (6), (b) (7)(C)  
**Sent:** Friday, January 11, 2013 8:46 AM  
**To:** (b) (6), (b) (7)(C) @epamail.epa.gov  
**Subject:** RE: Matlock Lease 24\_T20S\_R6W  
**Attachments:** SDist2 CM2513011109320.pdf

I thought this needed some verification after I saw the operators involved in the Matlock #1, so I pulled the plugging report for the Matlock #1 and have attached it to this email. Kansas Horizon ((b) (6), (b) (7)(C)) is shown on your spreadsheet to have been the past operator on the Matlock #2. The Matlock #1 was operated and plugged by (b) (6), (b) (7)(C) wife. Long story, but Kansas Horizon went out of business in the 80's and walked away from several wells in my district so I wanted to ensure that the Matlock #1 was P&A.

(b) (6), (b) (7)

District 2 Supervisor  
Kansas Corporation Commission  
3450 N Rock Road, Building 600, Suite 601  
Wichita, KS 67226  
Phone (b) (6), (b) (7)(C)

**From:** (b) (6), (b) (7)(C)  
**Sent:** Wednesday, January 09, 2013 3:11 PM  
**To:** (b) (6), (b) (7)(C) @epamail.epa.gov  
**Cc:** (b) (6), (b) (7)(C)  
**Subject:** Matlock Lease 24\_T20S\_R6W

(b) (6) From the information supplied 1/9/2013 on the Matlock lease located in section 24-T20S-R6W Rice County Kansas. Attached is a spreadsheet of wells in the section. The API # provided, API 15-159-21824 is associated with the Matlock #2 an active authorized Class II disposal well under D-23336. Next MIT is due 3/27/2016. I do have a district location of 1614' FSL, 2069' FEL. The Matlock #1, same section, and is plugged. If the footage you have for a well being used for injection without authorization, please supply to me and (b) (6) in District @. If a field inspection is needed, KCC will be happy to take a look.

(b) (6), (b) (7)(C)

UIC Supervisor  
(b) (6), (b) (7)(C)  
Fax 316-337-6211



KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ANNUAL REPORT OF PRESSURE MONITORING,  
FLUID INJECTION AND ENHANCED RECOVERY

Form U3C  
November 2008  
Form must be Typed  
Form must be completed  
on a per well basis

Complete all blanks - add pages if needed. Copy to be retained for five (5) years after filing date.

OPERATOR: License # 30979  
Name: R J Operating, Co  
Address 1: 1380 24th Ave  
Address 2: \_\_\_\_\_  
City: Galva State: Ks Zip: 67443 + \_\_\_\_\_  
Contact Person: (b) (6), (b) (7)(C)  
Phone: (b) (6), (b) (7)(C)  
Lease Name: Matlock  
Well Number: 2

Permit Number: (E) (D) - D-23336  
API No.: 15- 159-21824-00-00  
Reporting Period: 2012  
January 1, 20 12 to December 31, 20 12  
SW NW SE Sec. 24 Twp. 20 S. R. 6 ☐ E ☒ W  
(a/a/a/a)  
1614 feet from ☒ N / ☐ S Line of Section  
2070 feet from ☐ E / ☒ W Line of Section  
Legal Description of Lease or Unit: S/2 NW SE  
County: Rice

If new operator, list previous operator: \_\_\_\_\_

I. Injection Fluid:

Type: ☐ Fresh Water ☐ Treated Brine ☒ Untreated Brine ☐ Water/Brine  
Source: ☒ Produced Water ☐ Other (Attach List)  
Quality: Total Dissolved Solids Yes mg/l Specific Gravity: \_\_\_\_\_ Additives: \_\_\_\_\_  
(Attach water analysis, if available)

II. Well Data:

Type Completion: ☒ Tubing & packer, packer setting depth 3400 feet; ☐ Packerless (tubing, but no packer); ☐ Tubingless  
Maximum Authorized Injection Pressure: \_\_\_\_\_ psi Injection Zone: \_\_\_\_\_  
Maximum Authorized Injection Rate: \_\_\_\_\_ barrels per day  
Total Number of Enhanced Recovery Injection Wells Covered by This Permit 1 (Include TA's)

Month	Total Fluid Injected in Month (BBL)	# Days of Injection	Maximum Injection Pressure
January	<u>43200</u>	<u>31</u>	<u>vac</u>
February	<u>40412</u>	<u>29</u>	<u>vac</u>
March	<u>43200</u>	<u>31</u>	<u>vac</u>
April	<u>41806</u>	<u>30</u>	<u>vac</u>
May	<u>43200</u>	<u>31</u>	<u>vac</u>
June	<u>41806</u>	<u>30</u>	<u>vac</u>
July	<u>43200</u>	<u>31</u>	<u>vac</u>
August	<u>43200</u>	<u>31</u>	<u>vac</u>
September	<u>41806</u>	<u>30</u>	<u>vac</u>
October	<u>43200</u>	<u>31</u>	<u>vac</u>
November	<u>41806</u>	<u>30</u>	<u>vac</u>
December	<u>43200</u>	<u>31</u>	<u>vac</u>
TOTAL	<u>510036</u>		

RECEIVED  
FEB 11 2013  
KCC WICHITA

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

**NOTICE OF VIOLATION**  
**REQUEST FOR ANNUAL REPORT OF PRESSURE MONITORING, FLUID INJECTION AND**  
**ENHANCED RECOVERY (FORM U3C)**

January 25, 2013

Nightingale, Russell dba R.J. Operating Co.  
1380 24<sup>th</sup> Avenue  
Galva, Kansas . 67443

Dear (b) (6), (b) (7)(C)

The Commission is conducting a review of injection authorities. In part, the Commission is reviewing injected volumes and injection pressures required by regulation K.A.R. 82-3-409 for an operator to submit the U3C form, reporting the amount and kind of fluid injected for the previous calendar year. After reviewing Commission files, staff is unable to locate your Annual Report of Pressure Monitoring, Fluid Injection Form (form U3C), for the year **2011** regarding the list of injection wells below. Be advised, injected volumes for year 2012 are due by March 1, 2013.

Please review your records and mail the KCC a completed U3C form for each well by February 20, 2013. Failure to file constitutes a violation of Federal and State regulations and may be punishable by a \$100 fine per report. Form U3C is available at <http://www.kcc.state.ks.us/conservation/forms>

Note that this form is required on all injection wells even if injection did not occur during the year. If the well was sold, (requiring form T-1 to be filed), plugged, (requiring a form CP-4 to be filed), or if the injection was terminated, the injection authority may be cancelled by filing form U-5.

If you have questions or concerns, please contact (b) (6), (b) (7)(C)

Cordially,

(b) (6), (b) (7)(C)

UIC Director

Cc: Legal  
D.O. #2  
Files

D20583 CH Goering #4 Sec. 17-T21S-R1W  
D01345 M Steckel #6 Sec. 1-T20S-R11W  
D23336 Matlock #2 Sec. 24-T20S-R 6W ✓  
E18250 Nina Joy 2-1 Sec. 11 R20s-R6W



Search T-Is / Letters

Search Well Inventory

API #	15-159-21824-00-00	Well	MATLOCK 2	Cty	RICE	Dkt	D23336.0
Oper	30979	NIGHTINGALE, RUSSELL DBA R J OPER		A	Lgcy Oper	KANSAS HORIZON OIL	
Work Oper					C-1 Oper		

API Well No:	15-159-21824-00-00	Well Type:	SWD	Inj. Fluid Type:		Ann. Fluid Type:	
				Max. Allowable Inj. Pressure:	0	Max. Allowable Injection Rate:	6000

Injection Well Monitoring Data

Yr	OPNO	BegDT	EndDT	RptDate	Adj	Del	liq	Pt(mx)	RptFreq	RecFreq	Dt Mod	
2010	30979	01/01/2010	12/31/2010	03/22/2011	<input type="checkbox"/>	<input type="checkbox"/>	518400	0			04/13/2011	SD
2007	30979	01/01/2007	12/31/2007	01/14/2008	<input type="checkbox"/>	<input type="checkbox"/>	518400	0			01/14/2008	SD
2006	30979	01/01/2006	12/31/2006	01/04/2008	<input type="checkbox"/>	<input type="checkbox"/>	518400	0			01/10/2008	SD
1998		01/01/1998	12/31/1998	08/23/1999	<input type="checkbox"/>	<input type="checkbox"/>	596775	0			08/24/1999	TE
1991	31534	01/01/1991		03/13/1992	<input type="checkbox"/>	<input type="checkbox"/>	876000	0	0		03/13/1992	41



Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

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Cordially,

(b) (6), (b) (7)(C)

UIC Director

Cc: Legal  
D.O. #2  
Files

D20583 CH Goering #4 Sec. 17-T21S-R1W  
D01345 M Steckel #6 Sec. 1-T20S-R11W  
D23336 Matlock #2 Sec. 24-T20S-R 6W  
E18250 Nina Joy 2-1 Sec. 11 R20s-R6W

## KCC UIC Data Entry Form - RBDMS - KS

Home Add-Ins



Docket & Exten	API Well #	Status	Oper/Status	Well Nm	County	Loc. S.T.R. Spot	FTG
+ D20583.0	15-113-04518-00-01	AI	(30979) Nightingale, Russell dba R J Operating Co.	CH GOERING 4	MCPHERSON	17, 21 S, 1 W, SENESE	1624 FSL 309 FEI
+ D01345.0	15-009-14030-00-01	AI	(30979) Nightingale, Russell dba R J Operating Co.	M STECKEL 6	BARTON	1, 20 S, 11 W, NESEMY	3641 FSL 2962 FEI
+ D23396.0	15-159-21824-00-00	AI	(30979) Nightingale, Russell dba R J Operating Co.	MATLOCK 2	RICE	24 20 S, 6 W, SWNWSE	1614 FSL 2069 FEI
<del>E23290.1</del>	15-113-90531-00-00	PA	(30979) Nightingale, Russell dba R J Operating Co.	NIGHTINGALE 1	MCPHERSON	7, 20 S, 1 W, NWNWSW	2310 FSL 4950 FEI
+ E18250.1	15-159-30271-00-01	AI	(30979) Nightingale, Russell dba R J Operating Co.	NINA JOY 2-1	RICE	11, 20 S, 6 W, SESW	658 FSL 3310 FEI
*		0					FL FL

Record: 1 of 5

No Filter

Search

## KOLAR CONTINGENCY PLAN

Effective April 1, 2013, all operators must file all available forms through KOLAR (Kansas On-Line Automated Reporting). A contingency plan is needed in the event that KOLAR should be unavailable for any reason, for example a power outage or a natural disaster. This contingency plan is not binding on the KCC and may be changed at any time without making any change to this or any other document. This contingency plan is being provided to give operators a general sense of how a disruption will likely be addressed. Instead of relying on this document, operators must contact the Commission for direction in the event of an actual disruption in KOLAR availability.

- Minor disruptions in KOLAR sometimes occur. Usually, these minor disruptions are resolved within a few hours, and the contingency plan herein does not apply to them.
- The contingency plan shall only be implemented after KOLAR has been down for 48 consecutive hours.
- The contingency plan will include the temporary availability of paper forms for download from the KCC website.
- After 48 hours of KOLAR being down, paper forms may be submitted by mail or in person until such time as KOLAR is again available.
- Paper forms must be hand-delivered or postmarked either 1) during the time that KOLAR is down, or 2) within 24 hours after KOLAR has been brought back online. If hand delivering or postmarking a paper form within 24 hours is impossible due to KCC or USPS unavailability (Sundays, holidays, etc.), the 24-hour window will be construed liberally. Paper forms received after the 24-hour window may be returned to the operator without approval.
- Operators must understand the risk of KOLAR becoming unavailable, and any consequent liability, is on the operator. The KCC is not liable for any scheduled operations that may become impossible due to unavailability of forms (for instance, the cost of a rig that is scheduled to drill a well). Operators would be well-advised to file all forms at least 10 days in advance of any scheduled activity and make any other arrangements necessary to protect themselves.